# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

#### Sacramento River Basin

LD0001G Levee District No. 0001 (Glenn County)	Overall LMA Rating M *	Total LMA Miles 12.23	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated item	M Miles	M Miles U Miles M + 4U Miles Threshold %			M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.14		0.14	1.15%				
Trim / Thin Trees	0.12		0.12	0.98%				
Encroachments	0.01		0.01	0.08%	0.40	1.10		
Animal Control	0.30	0.10	0.70	5.72%				
Slope Stability	0.01		0.01	0.08%				
Flood Preparedness & Training	0.12		0.12	0.98%				
Supplemental								
DWR UCIP Field Study					0.16			
DWR UCIP LMA Responsibility								
LMA Totals:	0.70	0.10	1.10	8.99% *	0.56	1.10	0.00	0.00

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles						
	A	16.11						
Rated Item	Maintenance Deficiency				Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.01			
Supplemental								
DWR UCIP Field Study					0.11			
LMA Totals:	0.00	0.00	0.00	0.00%	0.12	0.00	0.00	0.00

LD0002 Levee District No. 0002 (Glenn County)	Overall LMA Rating	Total LMA Miles						
` "	U	4.90						
Rated Item		Maintenance Deficiency				ement	Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.13		0.13	2.65%	0.01			
Encroachments	0.03		0.03	0.61%	0.12			
Animal Control	0.08	0.30	1.28	26.12%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.21		0.21	4.29%				
DWR UCIP Field Study					0.14			
LMA Totals:	0.46	0.30	1.66	33.88%	0.27	0.00	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

LD0003	Overall LMA	Total LMA						
Levee District No. 0003 (Glenn County)	Rating	Miles						
	U	11.97						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.10		0.10	0.84%		0.03		
Trim / Thin Trees	0.37	0.01	0.41	3.43%				
Encroachments	0.02		0.02	0.17%	1.05	0.06		
Animal Control	0.39	1.33	5.71	47.70%				
Slope Stability	0.07	0.01	0.11	0.92%				
Flood Preparedness & Training	0.12		0.12	1.00%				
Supplemental								
DWR UCIP Field Study					0.15			
LMA Totals:	1.07	1.35	6.47	54.05%	1.20	0.09	0.00	0.00

LD0009 Levee District No. 0009 (Sutter County)	Overall LMA Rating	Total LMA Miles						
	A	6.25						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.34			
Animal Control	0.01		0.01	0.16%				
LMA Totals:	0.01	0.00	0.01	0.16%	0.34	0.00	0.00	0.00

MA0001 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0001	A	16.76						
Rated Item		Maintena	nce Deficiency		Enforc	ement		k System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	M Miles U Miles		U Miles
Earthen Levee								
Vegetation	0.03		0.03	0.18%	0.02			
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments	0.02		0.02	0.12%	1.89	1.18		
Animal Control	0.03		0.03	0.18%				
Slope Stability	0.02		0.02	0.12%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental								
DWR UCIP Field Study					0.28	0.06		
DWR UCIP LMA Responsibility								
LMA Totals:	0.12	0.00	0.12	0.72%	2.19	1.24	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0003 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0003	Α	5.11						
Rated Item		Maintena	nce Deficiency		Enforc	System scence		
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.20%				
Supplemental								
DWR UCIP Field Study					0.01	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.01	0.00	0.01	0.20%	0.01	0.01	0.00	0.00

MA0004	Overall LMA	Total LMA						
Sacramento Maintenance Yard	Rating	Miles						
Maintenance Area 0004	Α	3.47						
Rated Item		Maintena	enance Deficiency Enforcement Design & Obsoles					
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments	0.03		0.03	0.86%	0.24	0.05		
Animal Control	0.01		0.01	0.29%				
Slope Stability	0.04		0.04	1.15%				
Supplemental								
DWR UCIP Field Study					0.04			
LMA Totals:	0.08	0.00	0.08	2.30%	0.29	0.05	0.00	0.00

MA0005 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles	however, U Rated Miles are present, so the Overall LMA								
Area 0005	M *	32.84	Rating is M instead of A.								
Rated Item	Maintenance Deficiency				Enforc	ement	Design 8 Obsole	System scence			
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	old % M Miles U Miles			U Miles			
Earthen Levee											
Vegetation	0.02		0.02	0.06%	0.09	0.11					
Trim / Thin Trees	0.19		0.19	0.58%							
Encroachments	0.06		0.06	0.18%	4.97	0.16					
Animal Control	0.02	0.01	0.06	0.18%							
Slope Stability	0.09		0.09	0.27%							
Erosion / Bank Caving	0.02	0.01	0.06	0.18%							
Supplemental											
2017 USACE Erosion Survey, DRAFT	0.10		0.10	0.31%							
DWR UCIP Field Study					0.18	0.01					
DWR UCIP LMA Responsibility											
LMA Totals:	0.50	0.02	0.58	1.77% *	5.24	0.28	0.00	0.00			

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Butte Creek LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
MA0005	M *	15.08	instead of A.		trie Overa	ıı Orııt Katır	ig is ivi	
IVIAOUUS			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	Obsole M Miles	I Miles
Earthen Levee	IVI IVIIICS	O WIIICO	IVI I 40 IVIIICO	THICOHOIC 70	W WIICS	O WIIICO	IVI IVIIICO	O WIIICO
Vegetation	0.01		0.01	0.07%	0.09	0.11		
Trim / Thin Trees	0.16		0.16	1.06%				
Encroachments	0.01		0.01	0.07%	3.26	0.11		
Slope Stability	0.04		0.04	0.27%				
Erosion / Bank Caving	0.01	0.01	0.05	0.33%				
Supplemental			I			I		
2017 USACE Erosion Survey, DRAFT	0.10		0.10	0.66%				
DWR UCIP Field Study					0.07	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.33	0.01	0.37	2.45% *	3.42	0.23	0.00	0.00
Unit No. 02 Butte Creek RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
MA0005	M *	16.27	instead of A.				· ·	
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee		•				000		•
Vegetation	0.01		0.01	0.06%				
Trim / Thin Trees	0.03		0.03	0.18%				
Encroachments	0.05		0.05	0.31%	1.71	0.05		
Animal Control	0.02	0.01	0.06	0.37%				
Slope Stability	0.05		0.05	0.31%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental							1	
DWR UCIP Field Study					0.11			
DWR UCIP LMA Responsibility								
Unit Totals:	0.17	0.01	0.21	1.29% *	1.82	0.05	0.00	0.00
Unit No. 03 Little Chico Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
MA0005	A	1.49						
Data til		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		1
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
	1						1	
MA0007 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0007	Α	11.90						
Data dilia sa		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		ı						
Encroachments					0.97	0.18		
Supplemental DWP LICIP Field Study					0.03			
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility  LMA Totals:	0.00	0.00	0.00	0.000/	1.00	0.40	0.00	0.00
LIVIA TOTAIS:	0.00	0.00	0.00	0.00%	1.00	0.18	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

MA0009	Overall LMA	Total LMA						
Sacramento Maintenance Yard	Rating	Miles						
Maintenance Area 0009	M	19.35						
Date differen		Maintena	nce Deficiency		Enforc	ement	Design & Obsole:	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			T					
Vegetation	0.36		0.36	1.86%	1.04	0.22		
Trim / Thin Trees	1.92		1.92	9.92%				
Encroachments	0.18		0.18	0.93%	3.28	0.33		
Animal Control	0.10		0.10	0.52%				
Slope Stability	0.18		0.18	0.93%				
Erosion / Bank Caving	0.11	0.01	0.15	0.78%				
Cracking							0.01	
Supplemental	I		T					
2017 USACE Erosion Survey, DRAFT	0.47		0.47	2.43%				
DWR UCIP Field Study					0.82	0.06		
2017 Storm Damage	0.01		0.01	0.05%				
LMA Totals:	3.33	0.01	3.37	17.41%	5.14	0.61	0.01	0.00
MA0012	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles 11.06						
Area 0012	A			Design &	System			
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments					0.05	2.28		
	0.04		0.04	0.000/	0.05	2.20		
Animal Control	0.01		0.01	0.09%				
Supplemental DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility					0.07			
LMA Totals:	0.01	0.00	0.01	0.09%	0.12	2.28	0.00	0.00
LIVIA TOTAIS.	0.01	0.00	0.01	0.0370	0.12	2.20	0.00	0.00
MA0013	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Sutter Maintenance Yard Maintenance Area 0013	Rating A	Miles 41.03						
Area 0013		41.03	nce Deficiency		Enforc	ement	Design &	System
		41.03	nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles		Obsole	scence
Area 0013	A	41.03 Maintena	1	Threshold %			Obsole	scence
Area 0013  Rated Item	A	41.03 Maintena	1	Threshold %			Obsole	scence
Rated Item  Earthen Levee	A	41.03 Maintena	1	Threshold % 0.88%	M Miles		Obsole	scence
Rated Item  Earthen Levee  Vegetation	A M Miles	41.03 Maintena	M + 4U Miles		M Miles		Obsole	scence
Rated Item  Earthen Levee  Vegetation Trim / Thin Trees	M Miles	41.03 Maintena	M + 4U Miles  0.36	0.88%	M Miles	U Miles	Obsole	scence
Rated Item  Earthen Levee  Vegetation  Trim / Thin Trees  Encroachments	M Miles  0.36 0.02	41.03 Maintena	M + 4U Miles  0.36  0.02	0.88% 0.05%	M Miles	U Miles	Obsole	scence

0.02

0.46

0.05%

1.12%

0.23

12.22

0.05

0.30

0.00

Supplemental

Erosion / Bank Caving

DWR UCIP Field Study

LMA Totals:

DWR UCIP LMA Responsibility

0.02

0.46

0.00

0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Cherokee Canal RB	Overall Unit Rating	Total Unit Miles						
MA0013	Α	18.19						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	1
Earthen Levee								
Vegetation					0.07			
Trim / Thin Trees	0.04		0.04	0.22%				
Encroachments					3.11			
Slope Stability	0.01		0.01	0.06%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental	I	T	I				ı	
DWR UCIP Field Study					0.10	0.02		
DWR UCIP LMA Responsibility				2.000/				
Unit Totals:	0.06	0.00	0.06	0.33%	3.28	0.02	0.00	0.00
Unit No. 02 Cherokee Canal LB	Overall Unit Rating	Total Unit Miles						
MA0013	Α	22.84						
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.06			
Trim / Thin Trees	0.32		0.32	1.40%				
Encroachments	0.02		0.02	0.09%	8.75	0.25		
Animal Control	0.04		0.04	0.18%				
Slope Stability	0.01		0.01	0.04%				
Erosion / Bank Caving	0.01		0.01	0.04%				
Supplemental	l	I	l				I	
DWR UCIP Field Study					0.13	0.03		
DWR UCIP LMA Responsibility								
Unit Totals:	0.40	0.00	0.40	1.75%	8.94	0.28	0.00	0.00
MA0016	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0016	A	4.06						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	13 141103	.1110011010 70		3 111103		3 1711100
Encroachments					0.23			
Supplemental								
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	0.24	0.00	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0017	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0017	U	3.87						
Rated Item	Maintenance Deficiency				Enforc	ement	Design 8 Obsole	System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.10		0.10	2.58%				
Trim / Thin Trees	0.02	2.94	11.78	304.03%				
Encroachments					0.01			
Seepage / Sandboils								1.25
Supplemental								
DWR UCIP Field Study					0.02	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.12	2.94	11.88	306.61%	0.03	0.02	0.00	1.25

NA0001 American River Flood Control District	Overall LMA Rating	Total LMA Miles							
	A	34.47							
Rated Item		Maintena						Design & System Obsolescence	
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.04		0.04	0.12%	0.57	0.36			
Trim / Thin Trees	0.01		0.01	0.03%					
Encroachments	0.03		0.03	0.09%	1.14	3.05			
Animal Control	0.13		0.13	0.38%					
Slope Stability	0.11		0.11	0.32%					
Repair Gates	0.01		0.01	0.03%					
Supplemental									
2017 USACE Erosion Survey, DRAFT	0.16		0.16	0.46%					
DWR UCIP Field Study					0.99	0.01			
DWR UCIP LMA Responsibility									
LMA Totals:	0.49	0.00	0.49	1.42%	2.70	3.42	0.00	0.00	

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Arcade Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	2.08						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.48%	0.05	0.02		
Encroachments					0.30	0.26		
Animal Control	0.02		0.02	0.96%				
Slope Stability	0.01		0.01	0.48%				
Supplemental  DWR UCIP Field Study	I				0.11			
Unit Totals:	0.04	0.00	0.04	1.92%	0.11	0.28	0.00	0.00
			0.04	1.0270	0.40	0.20	0.00	0.00
Unit No. 02 Natomas E Canal LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	A	3.93			I		Design 8	& System
Rated Item	24 24		nce Deficiency	<b>T</b>		ement	Obsole	scence
Forther Loves	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments	0.02		0.02	0.51%	0.03	0.02		
Animal Control	0.02		0.02	0.51%				
Slope Stability	0.07		0.07	1.78%				
Supplemental	II.							
DWR UCIP Field Study					0.10			
Unit Totals:	0.11	0.00	0.11	2.80%	0.13	0.02	0.00	0.00
Unit No. 03 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	2.86						
5		Maintena	nce Deficiency		Enforc	ement	Design & Syste Obsolescenc	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1	1				I	I	
Encroachments					0.01			
Supplemental  DWR UCIP Field Study					0.09			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
Unit No. 04 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	10.86						
INAUUUI			nce Deficiency		Enforce	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	Obsole M Miles	U Miles
Earthen Levee								
Vegetation	0.03		0.03	0.28%	0.51	0.19		
Encroachments					0.36	1.70		
Animal Control	0.06		0.06	0.55%				
Repair Gates	0.01		0.01	0.09%				
Supplemental	0.40		0.40	4.470/				
2017 USACE Erosion Survey, DRAFT	0.16		0.16	1.47%	0.00	0.04		
DWR UCIP Field Study					0.26	0.01		
DWR UCIP LMA Responsibility	I	1	[					
Unit Totals:	0.26	0.00	0.26	2.40%	1.13	1.90	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Sacramento River LB	Overall Unit	Total Unit						
Unit No. 05 Sacramento River Lb	Rating	Miles						
NA0001	Α	0.41						
Date d No. o		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		<u> </u>						
Vegetation						0.07		
Encroachments	0.01		0.01	2.47%				
Unit Totals:	0.01	0.00	0.01	2.47%	0.00	0.07	0.00	0.00
Unit No. 06 Linda Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	Α	1.30	-					
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental			1					
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00
Unit No. 07 Arcade Creek RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	1.93						
1440001			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee	IVI IVIIIOO	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Till Colloid 70	101 1011100	0 1111100	141 1411100	0 1111100
Vegetation						0.05		
Encroachments					0.05	0.19		
Animal Control	0.01		0.01	0.52%				
Slope Stability	0.01		0.01	0.52%				
Supplemental		<b>'</b>					<u>'</u>	
DWR UCIP Field Study					0.05			
Unit Totals:	0.02	0.00	0.02	1.04%	0.10	0.24	0.00	0.00
Unit No. 08 Magpie Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	1.44						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1	<u> </u>				
Vegetation						0.03		
Trim / Thin Trees	0.01		0.01	0.70%				
Encroachments					0.34	0.04		
Animal Control	0.01		0.01	0.70%				
Supplemental	T	I						
	0.02	0.00	0.02	1.39%	0.02 0.36	0.07	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 09 American River RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	Α	4.20						
Dated Have		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T						
Vegetation					0.01			
Encroachments						0.22		
Animal Control	0.01		0.01	0.24%				
Slope Stability	0.02		0.02	0.48%				
Supplemental DWD LICID Field Street	 				0.12			
DWR UCIP Field Study  Unit Totals:	0.03	0.00	0.03	0.72%	0.12	0.22	0.00	0.00
Offit Foldis.	0.03	0.00	0.03	0.7276	0.13	0.22	0.00	0.00
Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	3.90						
2		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments					0.02	0.62		
Supplemental								
DWR UCIP Field Study					0.15			
Unit Totals:	0.00	0.00	0.00	0.00%	0.17	0.62	0.00	0.00
Unit No. 11 New Linda Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	Α	0.73						
Dated Have		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00
Unit No. 12 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	0.84						
11.0001		Maintena	nce Deficiency		Enforc	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	scence U Miles
Earthen Levee	IVI IVIIICS	O IVIIIC3	1 40 IVIIIOS	.1110011010 76	.vi ivilios	O WIIICS	.vi ivilios	J WINGS
Encroachments					0.03			
	I .					1		
Supplemental								
Supplemental  DWR UCIP Field Study					0.03			

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0002	Overall LMA	Total LMA						
Brannan Andrus Levee Maintenance	Rating	Miles						
District	U	17.55						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1		T			T	1	ı
Vegetation	0.91	1.95	8.71	49.62%	0.36	0.46		
Trim / Thin Trees	0.24	0.54	2.40	13.67%				
Encroachments	0.29	0.02	0.37	2.11%	0.33	0.25		
Animal Control	0.07	0.01	0.11	0.63%				
Slope Stability	0.02		0.02	0.11%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%				
Supplemental			I					
2017 USACE Erosion Survey, DRAFT	0.22	0.76	3.26	18.57%				
DWR UCIP Field Study					0.47	0.04		
DWR UCIP LMA Responsibility								
LMA Totals:	1.77	3.28	14.89	84.82%	1.16	0.75	0.00	0.00
Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
NA0002	U	6.01						
INAUUUZ			Definition				Design 8	& System
Rated Item	NA NATIO		nce Deficiency	Th h - L-1 0/		ement		scence
Fauthan Laura	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.56	0.74	3.52	58.55%	0.28	0.18		
Trim / Thin Trees	0.06	0.02	0.14	2.33%	0.20	0.10		
Encroachments	0.00	0.02	0.14	0.33%	0.11	0.02		
				0.33%	0.11	0.02		
Animal Control	0.01		0.01					
Crown Surface / Depressions / Rutting	0.01		0.01	0.17%				
2017 USACE Erosion Survey, DRAFT	0.02		0.02	0.33%				
DWR UCIP Field Study	0.02		0.02	0.0070	0.14	0.03		
Unit Totals:	0.68	0.76	3.72	61.88%	0.14	0.03	0.00	0.00
Offit Totals.	0.00	0.70	3.72	01.00%	0.55	0.23	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0002	U	11.54						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	171 1711100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Till Colloid 70	101 1011100	O Willion	111 1111100	0 1111100
Vegetation	0.35	1.21	5.19	44.97%	0.08	0.28		
Trim / Thin Trees	0.18	0.52	2.26	19.58%				
Encroachments	0.27	0.02	0.35	3.03%	0.22	0.23		
Animal Control	0.06	0.01	0.10	0.87%				
Slope Stability	0.02		0.02	0.17%				
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental	3.01		3.01	3.5576				
2017 USACE Erosion Survey, DRAFT	0.20	0.76	3.24	28.07%				
DWR UCIP Field Study					0.33	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	1.09	2.52	11.17	96.78%	0.63	0.52	0.00	0.00
Offic Foldis.	1.03	2.02	11.17	30.7070	0.00	0.52	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

# Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0003  Butte County Department of Public Works	Overall LMA Rating M *	Total LMA Miles 23.78	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.						
Date d litera		Maintena						n & System olescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.09	0.09	0.45	1.89%	0.13	0.04			
Trim / Thin Trees	0.11		0.11	0.46%					
Encroachments	0.01		0.01	0.04%	0.61	0.53			
Animal Control	0.02		0.02	0.08%					
Slope Stability	0.06		0.06	0.25%					
Erosion / Bank Caving	0.01		0.01	0.04%					
Supplemental									
2017 USACE Erosion Survey, DRAFT	0.04		0.04	0.17%					
DWR UCIP Field Study					0.10				
DWR UCIP LMA Responsibility									
LMA Totals:	0.34	0.09	0.70	2.94% *	0.84	0.57	0.00	0.00	

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Mud Creek RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	es are present, so	ent is less than 10.00%; however, so the Overall Unit Rating is M				
NA0003	M *	6.80	instead of A.	•			Davies (	0.00	
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence	
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vegetation	0.06	0.09	0.42	6.17%	0.13	0.04		l	
Encroachments	0.00	0.09	0.42	0.17%	0.13	0.04			
Animal Control	0.01		0.01	0.13%	0.23	0.03			
Erosion / Bank Caving	0.02		0.02	0.25%					
Supplemental	0.01		0.01	0.1370					
DWR UCIP Field Study					0.03				
DWR UCIP LMA Responsibility									
Unit Totals:	0.10	0.09	0.46	6.76% *	0.41	0.13	0.00	0.00	
Unit No. 02 Mud Creek LB	Overall Unit Rating	Total Unit Miles							
NA0003	Α	7.96							
5		Maintena	nce Deficiency		Enforc	ement	Design 8	& System escence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee		I				I	1		
Encroachments					0.08	0.32			
Slope Stability	0.02		0.02	0.25%					
Supplemental DWD LICID Field Study	T		1		0.02	I	I	I	
DWR UCIP Field Study					0.02				
DWR UCIP LMA Responsibility  Unit Totals:	0.02	0.00	0.02	0.25%	0.10	0.32	0.00	0.00	
Offit Totals.	0.02	0.00	0.02	0.25%	0.10	0.32	0.00	0.00	
Unit No. 02A Channel Slough LB	Overall Unit Rating	Total Unit Miles							
NA0003	Α	0.26							
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence	
Natod Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
Unit Totals:	0.00	0.00	0.00	0.00%					
Unit No. 03 Sycamore and Sheep Hollow Creeks RB	Overall Unit Rating	Total Unit Miles							
NA0003	Α	4.05							
		Maintena	nce Deficiency		Enforc	ement		& System escence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles		
Earthen Levee	1		1						
Vegetation	0.01		0.01	0.25%					
Trim / Thin Trees	0.01		0.01	0.25%					
Slope Stability	0.02		0.02	0.49%					
Supplemental				0.0007					
2017 USACE Erosion Survey, DRAFT	0.04		0.04	0.99%					
DWR UCIP Field Study					0.03				
DWR UCIP LMA Responsibility	0.00	0.00	0.55	4.0007	0.00	0.00	0.00	0.00	
Unit Totals:	0.08	0.00	0.08	1.98%	0.03	0.00	0.00	0.00	

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

# Sacramento River Basin (cont.)

Overall Unit Rating	Total Unit Miles						
Α	2.86						
	Maintena	nce Deficiency		Enforc	ement	Design 8	k System
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
0.02		0.02	0.70%				
0.10		0.10	3.49%				
				0.28	0.11		
<b>'</b>							
				0.01			
0.12	0.00	0.12	4.19%	0.29	0.11	0.00	0.00
Overall Unit Rating	Total Unit Miles						
Α	1.85						
	Maintena	nce Deficiency		Enforc	ement		& System scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
					0.01		
0.02		0.02	1.08%				
					T		
0.02	0.00	0.02	1.08%	0.01	0.01	0.00	0.00
Overell LMA	Total I MA						
-	11.27						
		nce Deficiency		Enforc	ement		k System
M Miles			Threshold %				U Miles
	•		70		000		000
				1.62			
0.10		0.10	0.89%				
				0.18			
	A M Miles  0.02 0.10  0.12  Overall Unit Rating A  M Miles  0.02  Overall LMA Rating A  M Miles	Rating Miles  A 2.86  Maintena  M Miles U Miles  0.02 0.10  0.12 0.00  Overall Unit Rating Miles  A 1.85  Maintena  M Miles U Miles  0.02  0.02  0.02  0.02  Overall LMA Rating A Miles  A 11.27  Maintena  M Miles U Miles	Rating   Miles   A   2.86	Rating   Miles   A   2.86	Rating	Rating	Rating A 2.86           Maintenance Deficiency         Enforcement Design & Design & Obsole M Miles           M Miles         U Miles         M + 4U Miles         Threshold % M Miles         M Miles         U Miles         M Miles           0.02         0.02         0.70%         0.28         0.11           0.10         0.10         3.49%         0.28         0.11           0.12         0.00         0.12         4.19%         0.29         0.11         0.00           Overall Unit Rating Miles         Miles         Maintenance Deficiency         Enforcement Design & Obsole         Design & Obsole         M Miles         U Miles         M Miles           M Miles         U Miles         M + 4U Miles         Threshold %         M Miles         U Miles         M Miles           0.02         0.00         0.02         1.08%         0.01         0.01         0.00           Overall LMA Rating Alies         Threshold %         M Miles         U Miles M + 4U Miles         Threshold %         M Miles         U Miles M M Miles           M Miles         U Miles         M Miles         U Miles         M Miles         U Miles         M Miles

LMA Totals:

0.10

0.00

0.10

0.89%

0.00

1.80

0.00

0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Simmerly Slough LB	Overall Unit Rating	Total Unit Miles						
NA0004	Α	3.23					1	
Dated Hors		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I	ı			T	T	
Encroachments					0.22			
DWR UCIP Field Study					0.04		<u> </u>	
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00
Offit Totals.	0.00	0.00	0.00	0.00 %	0.20	0.00	0.00	0.00
Unit No. 02 Feather River LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0004	Α	1.25						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I	T			I	I	
Slope Stability	0.03		0.03	2.41%				
Supplemental DWR UCIP Field Study					0.02			
Unit Totals:	0.03	0.00	0.03	2.41%	0.02	0.00	0.00	0.00
Unit rotals.	0.03	0.00	0.03	2.4170	0.02	0.00	0.00	0.00
Unit No. 03 Yuba River RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0004	A	6.79			ı		Danian 6	0.00
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T	T			ı		
Encroachments					1.40			
Slope Stability	0.07		0.07	1.03%				
Supplemental DWR UCIP Field Study					0.12			
Unit Totals:	0.07	0.00	0.07	1.03%	1.52	0.00	0.00	0.00
Offit Fotals.	0.07	0.00	0.07	1.0376	1.02	0.00	0.00	0.00
NA0005	Overall LMA	Total LMA						
City of Sacramento	Rating	Miles						
	A	3.67						
2		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.03		0.03	0.82%				
Encroachments	0.02		0.02	0.54%	0.01			
Supplemental DDA ST. Francisco Communication Control DDA ST.	0.00	I	0.00	0.4007				
2017 USACE Erosion Survey, DRAFT	0.08		0.08	2.18%	0.04			
DWR UCIP Field Study	0.40	0.00	0.10	0.540/	0.64	0.00	0.00	0.00
LMA Totals:	0.13	0.00	0.13	3.54%	0.65	0.00	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0006	Overall LMA	Total LMA						
Eastern Honcut Creek	Rating	Miles						
	U	1.46						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.18	0.72	49.46%				
Trim / Thin Trees	0.02	0.02	0.10	6.87%				
Encroachments					1.56			
Crown Surface / Depressions / Rutting		0.64	2.56	175.87%				
Flood Preparedness & Training	0.01		0.01	0.69%				
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.03	0.84	3.39	232.89%	1.59	0.00	0.00	0.00

NA0008	Overall LMA	Total LMA						
Knights Landing Ridge Drainage	Rating	Miles						
District	A	12.39						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.16			
Erosion / Bank Caving	0.03		0.03	0.24%				
Cracking	0.01		0.01	0.08%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.28		0.28	2.26%				
DWR UCIP Field Study					0.10			
DWR UCIP LMA Responsibility								
LMA Totals:	0.32	0.00	0.32	2.58%	1.26	0.00	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 01 Knights Landing Ridge Cut	Overall Unit	Total Unit						
RB	Rating	Miles						
NA0008	Α	6.36						
Data dilta sa		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.95			
Erosion / Bank Caving	0.03		0.03	0.47%				
Cracking	0.01		0.01	0.16%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.15		0.15	2.36%				
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
Unit Totals:	0.19	0.00	0.19	2.99%	1.01	0.00	0.00	0.00
Unit No. 02 Knights Landing Ridge Cut LB	Overall Unit Rating	Total Unit Miles						
NA0008	Α	6.03						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.21			
Supplemental		T					T	
2017 USACE Erosion Survey, DRAFT	0.13		0.13	2.16%				
DWR UCIP Field Study					0.04			
Unit Totals:	0.13	0.00	0.13	2.16%	0.25	0.00	0.00	0.00
NA0009 Lake County Watershed Protection	Overall LMA Rating	Total LMA Miles	however, U I	. Threshold Perce Rated Miles are p				
District	M *	9.89	Rating is M i	instead of A.				
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			_					
		0.13	0.57	5.76%	0.11			
Vegetation	0.05	0.13						
Vegetation Trim / Thin Trees	0.27	0.13	0.27	2.73%				
		0.13		2.73% 0.30%	0.54	0.18		

DWR UCIP Field Study

LMA Totals:

0.39

0.13

0.91

DWR UCIP LMA Responsibility

0.11

0.76

9.20% \*

0.01

0.19

0.00

0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Middle Creek LB	Overall Unit	Total Unit Miles										
	Rating											
NA0009	M	3.35					Docian 9	& System				
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole					
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles				
Earthen Levee	T		T									
Vegetation		0.07	0.28	8.36%	0.08							
Trim / Thin Trees	0.15		0.15	4.48%								
Encroachments					0.24	0.02						
Slope Stability	0.04		0.04	1.19%								
Supplemental												
DWR UCIP Field Study					0.02	0.01						
DWR UCIP LMA Responsibility												
Unit Totals:	0.19	0.07	0.47	14.03%	0.34	0.03	0.00	0.00				
Unit No. 02 Middle Creek RB	Overall Unit	Total Unit										
Offic No. 02 Middle Creek ND	Rating	Miles										
NA0009	A	2.66										
NAOOUS	A		nce Deficiency		Enforc	omont		& System				
Rated Item	M Miles	U Miles		Throshold 0/	Enforcement  M Miles U Miles		Obsoles					
Fambon Lavos	IVI IVIIIes	U Miles	M + 4U Miles	Threshold %	IVI IVIIIes   O IVIIIe		M Miles	U Miles				
Earthen Levee Vegetation	0.02		0.02	0.75%								
Trim / Thin Trees	0.06		0.06	2.25%								
Encroachments	0.00		0.00	0.75%	0.22	0.04						
Supplemental	0.02		0.02	0.75%	0.22	0.04						
DWR UCIP Field Study					0.06							
DWR UCIP LMA Responsibility					0.00							
Unit Totals:	0.10	0.00	0.10	3.75%	0.28	0.04	0.00	0.00				
Office Folials.	0.10	0.00	0.10	3.7370	0.20	0.04	0.00	0.00				
Unit No. 03 Scotts Creek LB	Overall Unit	Total Unit										
	Rating	Miles										
NA0009	U	1.36										
			nance Deficiency E		Enforcement		Enforcement		Enforcement		Design & Obsole:	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles				
Earthen Levee												
Vegetation	0.02	0.06	0.26	19.11%								
Trim / Thin Trees	0.06		0.06	4.41%								
Encroachments						0.12						
Supplemental												
DWR UCIP Field Study					0.02							
DWR UCIP LMA Responsibility												

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Page, Alley and Clover Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
	A	1.49						
NA0009	A		nas Deficiency		- Frefore		Design 8	& System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee								
Vegetation					0.03			
Encroachments	0.01		0.01	0.67%	0.07			
Supplemental DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility					0.01			
Unit Totals:	0.01	0.00	0.01	0.67%	0.11	0.00	0.00	0.00
Unit No. 05 Clover Creek and Clover Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0009	A	1.03						
		Maintena	nce Deficiency		Enforcement			& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.04		2.24	0.070/				
Vegetation	0.01		0.01	0.97%	0.04			
Supplemental Encroachments					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	0.97%	0.01	0.00	0.00	0.00
				1	•			
NA0012	Overall LMA Rating	Total LMA Miles						
Solano County Public Works Mellin Levee	U	0.59						
20100			nce Deficiency		Enforc	ement	Design & System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee	IVI IVIIIOO	0 1111100	W 1 10 WIII00	Timodridia 70	101 1011100	C IVIIICO	101 1011100	0 1111100
Vegetation	0.12		0.12	20.24%				
Encroachments					0.76			
Erosion / Bank Caving	0.01		0.01	1.69%				
LMA Totals:	0.13	0.00	0.13	21.93%	0.76	0.00	0.00	0.00
NA0015	Overall LMA	Total LMA						
Plumas County	Rating	Miles						
,	U	3.25						
D		Maintena	nce Deficiency		Enforc	ement		& System escence
		U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Rated Item	M Miles	O Miles						
Earthen Levee		U ivilles						1
Earthen Levee Vegetation	3.60	O Miles	3.60	110.78%	0.04			
Earthen Levee  Vegetation  Encroachments	3.60 0.02	O Miles	3.60 0.02	0.62%	0.01			
Earthen Levee  Vegetation  Encroachments  Slope Stability	3.60 0.02 0.03	O Miles	3.60 0.02 0.03	0.62% 0.92%	0.01			
Earthen Levee  Vegetation  Encroachments  Slope Stability  Flood Preparedness & Training	3.60 0.02	O Willes	3.60 0.02	0.62%	0.01			
Earthen Levee  Vegetation  Encroachments  Slope Stability	3.60 0.02 0.03	O Willes	3.60 0.02 0.03	0.62% 0.92%	0.01			

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 North Fork Feather River LB	Overall Unit	Total Unit Miles						
NA 2045	Rating U	1.89						
NA0015	U		nce Deficiency		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIICO	O WIIICO	W 1 40 Willes	Till Colloid 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WINC
Vegetation	2.18		2.18	115.23%				
Encroachments	0.02		0.02	1.06%	0.01			
Slope Stability	0.01		0.01	0.53%				
Supplemental DWB LICID Field Study					0.01	Ι	Ι	
DWR UCIP Field Study  Unit Totals:	2.21	0.00	0.04	116.82%	0.01	0.00	0.00	0.00
Unit Totals:	2.21	0.00	2.21	116.82%	0.02	0.00	0.00	0.00
Unit No. 02 North Fork Feather River RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0015	U	1.36					D : 6	
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole	& System escence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	4.40	I	4.40	404.570/		Γ	Γ	I
Vegetation	1.42		1.42	104.57%				
Slope Stability Supplemental	0.02		0.02	1.47%				
DWR UCIP Field Study					0.01			
Unit Totals:	1.44	0.00	1.44	106.04%	0.01	0.00	0.00	0.00
NA0016	Overall LMA	Total LMA						
Sacramento River West Side Levee	Rating	Miles						
District	A	49.64					Dosign 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.01		0.01	0.02%	0.17			
Encroachments	0.01		0.01	0.02 %	6.04			
Animal Control	0.02		0.02	0.04%	0.04			
Supplemental	0.01		0.01	0.02 /6				
2017 USACE Erosion Survey, DRAFT	0.19		0.19	0.38%				
DWR UCIP Field Study					0.34	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.23	0.00	0.23	0.46%	6.55	0.02	0.00	0.00
					_			
NA0018	Overall LMA Rating	Total LMA Miles						
California Department of Fish and Game Shea Levee	U	0.30						
Gaine Shea Levee	•		5 (1)				Design 8	& System
Rated Item	NA NATIO		nce Deficiency	Th		ement	Obsole	scence
Fowthern Layers	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.60		0.60	199.72%				
Trim / Thin Trees	0.30		0.30	99.86%				
	0.01		0.01	3.33%				
Emergency Supplies & Equipment	0.01							
Emergency Supplies & Equipment Flood Preparedness & Training	0.01		0.01	3.33%				

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

LMA Totals:

1.22

NA0019 Tehama County Flood Control and Water Conservation District Tehama County Fld Control & Water Cons Dist	Overall LMA Rating M *	Total LMA Miles 13.97	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.							
	Maintenance Deficiency Enforcer					Enforcement Design & S Obsolesce				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles				
Earthen Levee										
Vegetation	0.63		0.63	4.51%	0.05					
Trim / Thin Trees	0.03		0.03	0.22%						
Encroachments	0.05		0.05	0.36%	0.43	1.17				
Animal Control	0.12		0.12	0.86%						
Slope Stability	0.19		0.19	1.36%						
Erosion / Bank Caving	0.13	0.03	0.25	1.79%						
Supplemental							<u>'</u>			
2017 USACE Erosion Survey, DRAFT	0.07		0.07	0.50%						
DWR UCIP Field Study					0.14	0.01				
DWR UCIP LMA Responsibility										

0.03

1.34

9.59% \*

0.62

1.18

0.00

0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Deer Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0019	Α	4.22			ı		Design 8	k System
Rated Item			ince Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.04		0.04	0.95%				
Encroachments	0.04		0.04	0.5576	0.26	1.17		
Slope Stability	0.05		0.05	1.18%	0.20	1.17		
Erosion / Bank Caving	0.04		0.04	0.95%				
Supplemental	0.04		0.04	0.5576				
DWR UCIP Field Study					0.09	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.13	0.00	0.13	3.08%	0.35	1.18	0.00	0.00
	0	T-1-111						
Unit No. 02 Deer Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	Α	1.89						
D		Maintena	ince Deficiency		Enforcement		cement Design & Sys	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.01		0.01	0.53%				
Encroachments	0.02		0.02	1.06%	0.05			
Erosion / Bank Caving	0.08		0.08	4.24%				
Supplemental							I	
2017 USACE Erosion Survey, DRAFT	0.05		0.05	2.65%				
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.16	0.00	0.16	8.47%	0.06	0.00	0.00	0.00
Unit No. 04 Elder Creek LB	Overall Unit Rating	Total Unit Miles						
NA0019	A	3.98	-					
11110010			ince Deficiency		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee		•				•		•
Vegetation	0.12		0.12	3.01%				
Trim / Thin Trees	0.01		0.01	0.25%				
Encroachments	0.03		0.03	0.75%	0.11			
Animal Control	0.01		0.01	0.25%				
Slope Stability	0.14		0.14	3.52%				
Supplemental		<u> </u>						
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.31	0.00	0.31	7.79%	0.13	0.00	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Elder Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	M	3.87						
Rated Item	Maintenance Deficiency				Enforc	ement		& System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.47		0.47	12.14%	0.05			
Trim / Thin Trees	0.01		0.01	0.26%				
Encroachments					0.01			
Animal Control	0.11		0.11	2.84%				
Erosion / Bank Caving	0.01	0.03	0.13	3.36%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.02		0.02	0.52%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.62	0.03	0.74	19.11%	0.08	0.00	0.00	0.00

NA0021	Overall LMA	Total LMA						
Yolo County Department of Natural	Rating	Miles						
Resources	U	0.59						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01	0.08	0.33	56.23%				
Encroachments	0.01		0.01	1.70%	0.01			
Animal Control	0.03	0.01	0.07	11.93%				
Slope Stability	0.01		0.01	1.70%				
Supplemental								
DWR UCIP Field Study					0.01			
LMA Totals:	0.06	0.09	0.42	71.57%	0.02	0.00	0.00	0.00

NA0022 Yolo County Service Area 6	Overall LMA Rating	Total LMA Miles						
Tolo County Service Area o	U	5.87						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.00		1.00	17.05%	0.01	0.15		
Trim / Thin Trees	0.31	0.01	0.35	5.97%				
Encroachments	0.13		0.13	2.22%	1.17	0.01		
Animal Control	0.17	0.01	0.21	3.58%				
Slope Stability	0.05		0.05	0.85%				
Erosion / Bank Caving	0.05		0.05	0.85%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.28		0.28	4.77%				
DWR UCIP Field Study					0.20	0.03		
LMA Totals:	1.99	0.02	2.07	35.29%	1.38	0.19	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0003	Overall LMA	Total LMA							
Reclamation District No. 0003 Grand	Rating	Miles							
Island	M	28.73							
Rated Item		Maintena	nce Deficiency		Enforc	ement		Design & System Obsolescence	
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.55	0.11	1.99	6.93%	1.00	1.80			
Trim / Thin Trees	0.24	0.02	0.32	1.11%					
Encroachments	0.15	0.04	0.31	1.08%	1.58	1.01			
Animal Control	0.01		0.01	0.04%					
Slope Stability	0.02		0.02	0.07%					
Erosion / Bank Caving	0.01		0.01	0.04%					
Supplemental									
2017 USACE Erosion Survey, DRAFT	0.15	0.15	0.75	2.61%					
DWR UCIP Field Study					0.69	0.05			
DWR UCIP LMA Responsibility									
LMA Totals:	2.13	0.32	3.41	11.87%	3.27	2.86	0.00	0.00	

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Left Bank Steamboat	Overall Unit	Total Unit						
Slough LB	Rating	Miles						
RD0003	M	10.95						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.09	0.04	0.25	2.28%	0.23	0.36		
Trim / Thin Trees	0.04	0.01	0.08	0.73%				
Encroachments	0.08		0.08	0.73%	0.49	0.97		
Slope Stability	0.01		0.01	0.09%				
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.07	0.15	0.67	6.12%				
DWR UCIP Field Study					0.22	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.30	0.20	1.10	10.05%	0.94	1.34	0.00	0.00
Unit No. 02 Right Bank Sacramento	Overall Unit	Total Unit						
River RB	Rating	Miles						
RD0003	M	17.35						
			nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.46	0.07	1.74	10.03%	0.77	1.44		
Trim / Thin Trees	0.20	0.01	0.24	1.38%				
Encroachments	0.07	0.04	0.23	1.33%	1.04	0.04		
						0.07		
Animal Control	0.01		0.01	0.06%		0.04		
Animal Control Slope Stability	0.01 0.01		0.01 0.01	0.06% 0.06%		0.04		
						0.04		
Slope Stability						0.04		
Slope Stability	0.01		0.01	0.06%	0.47	0.04		
Slope Stability Supplemental 2017 USACE Erosion Survey, DRAFT	0.01	0.12	0.01	0.06%	0.47		0.00	0.00
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:	0.01		0.01	0.06%	_	0.04	0.00	0.00
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study	0.01 0.08 1.83	0.12 Total Unit Miles	0.01	0.06%	_	0.04	0.00	0.00
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:  Unit No. 03 Cross Levee	0.01  0.08  1.83  Overall Unit Rating	Total Unit Miles	0.01	0.06%	_	0.04	0.00	0.00
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:	0.01 0.08 1.83	Total Unit Miles 0.43	0.01	0.06%	2.28	0.04	Design 8	k System
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:  Unit No. 03 Cross Levee	0.01  0.08  1.83  Overall Unit Rating A	Total Unit Miles 0.43 Maintena	0.01 0.08 2.31	0.06% 0.46% 13.31%	2.28	0.04 1.52	Design 8 Obsole	& System scence
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:  Unit No. 03 Cross Levee  RD0003  Rated Item	0.01  0.08  1.83  Overall Unit Rating	Total Unit Miles 0.43	0.01	0.06%	2.28	0.04	Design 8	k System
Slope Stability  Supplemental  2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study  Unit Totals:  Unit No. 03 Cross Levee  RD0003	0.01  0.08  1.83  Overall Unit Rating A	Total Unit Miles 0.43 Maintena	0.01 0.08 2.31	0.06% 0.46% 13.31%	2.28	0.04 1.52	Design 8 Obsole	& System scence

# Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0010 Reclamation District No. 0010 Honcut	Overall LMA Rating M *	Total LMA Miles 21.82	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
Dated Hear			ce Deficiency Enforcement				Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	reshold % M Miles U Miles		M Miles	U Miles
Earthen Levee								
Vegetation	0.25		0.25	1.15%	0.03			
Trim / Thin Trees	0.10		0.10	0.46%				
Encroachments					4.90			
Animal Control	0.45	0.04	0.61	2.80%				
Slope Stability	0.01		0.01	0.05%				
Flood Preparedness & Training	0.22		0.22	1.01%				
Supplemental								
DWR UCIP Field Study					0.23	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	1.03	0.04	1.19	5.45% *	5.16	0.01	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Simmerly Slough RB	Overall Unit	Total Unit		Threshold Percer				
	Rating	Miles	U Rated Mile instead of A	es are present, so	the Overa	ll Unit Ratir	ng is M	
RD0010	M *	7.65					Design 8	& System
Rated Item	M Miles	Maintena U Miles	nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles	U Miles	Obsole M Miles	scence
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Tilleshold %	IVI IVIIIES	U ivilles	IVI IVIIIES	U ivilles
Trim / Thin Trees	0.05		0.05	0.65%				
Encroachments					0.65			
Animal Control	0.38	0.01	0.42	5.49%				
Slope Stability	0.01		0.01	0.13%				
Supplemental								
DWR UCIP Field Study					0.14	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.44	0.01	0.48	6.27% *	0.79	0.01	0.00	0.00
Unit No. 02 Feather River LB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percer es are present, so				
RD0010	M *	11.36	instead of A.					
	Maintenance Deficiency					ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation					0.03			
Trim / Thin Trees	0.04		0.04	0.35%				
Encroachments					4.12			
Animal Control	0.06	0.03	0.18	1.58%				
Supplemental Supplemental			I		0.00	Γ	Γ	Γ
DWR UCIP Field Study					0.08			
DWR UCIP LMA Responsibility	0.10	0.02	0.22	1.040/ #	4.00	0.00	0.00	0.00
Unit Totals:	0.10	0.03	0.22	1.94% *	4.23	0.00	0.00	0.00
Unit No. 03 Honcut Creek LB	Overall Unit Rating	Total Unit Miles						
RD0010	Α	2.81						
Date d Itare		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee		ı		ı		ı	ı	ı
Vegetation	0.25		0.25	8.91%				
Trim / Thin Trees	0.01		0.01	0.36%				
Encroachments				2.222/	0.13			
Animal Control	0.01		0.01	0.36%				
Supplemental DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility					0.01			
Unit Totals:	0.27	0.00	0.27	9.62%	0.14	0.00	0.00	0.00
O'in Totals.	0.21	0.00	0.21	J.JZ /0	0.17	0.00	0.00	0.00

## Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	0	TatallAAA						
RD0070 Reclamation District No. 0070 Meridian	Overall LMA Rating	Total LMA Miles		Threshold Perce Rated Miles are p				
Reclamation district No. 0070 Meridian	M *	23.41	Rating is M		10001n, 00 i	ino ovoran	2,7,7,1	
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIIOO	O Milloo		Till Colloid 70	101 1011100	C IVIIICO	141 1411100	0 1111100
Trim / Thin Trees	0.04		0.04	0.17%				
Encroachments					1.66	0.18		
Animal Control	0.03	0.01	0.07	0.30%				
Slope Stability	0.02		0.02	0.09%				
Supplemental		I		·		ı	ı	
2017 USACE Erosion Survey, DRAFT	0.60		0.60	2.56%	0.57	0.04		
DWR UCIP Field Study	0.00	0.04	0.70	2.420/ #	0.57	0.01	0.00	0.00
LMA Totals:	0.69	0.01	0.73	3.12% *	2.23	0.19	0.00	0.00
Unit No. 01 Sutter Bypass RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD0070	M *	7.92	instead of A.					
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee							1	
Encroachments					0.12			
Animal Control	0.02	0.01	0.06	0.76%				
Slope Stability	0.02		0.02	0.25%				
Supplemental 2017 USACE Erosion Survey, DRAFT	0.07	l	0.07	0.88%		I	1	
DWR UCIP Field Study	0.07		0.07	0.00 /6	0.20			
Unit Totals:	0.11	0.01	0.15	1.90% *	0.20	0.00	0.00	0.00
2 1 110 2	_		0.10	1.0070	0.02	0.00	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0070	A	15.50					Design 8	& System
Rated Item		I	nce Deficiency	- 1 110 <i>i</i>		ement	Obsole	scence
Father Leves	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Trim / Thin Trees	0.04		0.04	0.26%				
Encroachments	0.0.		0.0 .	0.2070	1.54	0.18		
Animal Control	0.01		0.01	0.07%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.53		0.53	3.42%				
DWR UCIP Field Study					0.37	0.01		
Unit Totals:	0.58	0.00	0.58	3.74%	1.91	0.19	0.00	0.00
DD0400	Overell LNAA	Total L NAA						
RD0108 Reclamation District No. 0108 River	Overall LMA Rating	Total LMA Miles						
Farms	A	20.92						
	Maintenance Deficiency				Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1		U Miles
Earthen Levee					0.07			
Supplemental Encroachments					0.37			
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	0.40	0.00	0.00	0.00
		l	I .					

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Column Books Broke LD	Overall I lait	Total Unit							
Unit No. 01 Colusa Basin Drain LB	Overall Unit Rating	Total Unit Miles							
RD0108	Α	20.64			•				
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Encroachments					0.37				
Supplemental	T		I						
DWR UCIP Field Study					0.03				
DWR UCIP LMA Responsibility									
Unit Totals:	0.00	0.00	0.00	0.00%	0.40	0.00	0.00	0.00	
Unit No. 02 Castle Properties RB	Overall Unit Rating	Total Unit Miles							
RD0108	Α	0.28							
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
Unit Totals:	0.00	0.00	0.00	0.00%					
				L					
RD0150	Overall LMA	Total LMA	* Overall LMA	Threshold Perce	nt is less th	an 10.00%	;;		
Reclamation District No. 0150 Merrit	Rating	Miles			resent, so the Overall LMA				
Island	M *	17.74	Rating is M i	instead of A.			1		
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.06	0.02	0.14	0.79%	0.42	1.11			
Trim / Thin Trees	0.02	0.04	0.18	1.01%					
Encroachments	0.36		0.36	2.03%	0.49	0.08			
Animal Control	0.02	0.01	0.06	0.34%					
Slope Stability	0.08		0.08	0.45%			0.01		
Erosion / Bank Caving	0.08	0.01	0.12	0.68%			0.03		
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%					
	1		I.	I					
Supplemental									
2017 USACE Erosion Survey, DRAFT		0.07	0.28	1.58%					
		0.07	0.28	1.58%	0.28	0.03			
2017 USACE Erosion Survey, DRAFT	0.63	0.07	0.28	1.58%	0.28 1.19	0.03	0.04	0.00	

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Rating   Miles   A   0.52   Maintenance   Deficiency   Enforcement   Design & System   Obsolescence   Miles   U Mi	Unit No. 01 Sutter Slough LB	Overall Unit	Total Unit						
Rated Item	Onit No. 01 Sutter Slough LB								
Rated Item	RD0150	Α	0.52						
Miles   U Miles   M + 4U Miles   Threshold %   M Miles   U Miles   M Miles   U Miles				nce Deficiency		Enforc	ement		
Animal Control   0.01	Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Unit No. 02 Sacramento River RB   Coverall Unit Rating   Miles   Maintenance Deficiency   Enforcement   Coverall Unit Rating   Miles   Maintenance Deficiency   Enforcement   Coverall Unit Rating   Miles   Maintenance Deficiency   Enforcement   Coverall Unit Rating   Miles   M	Earthen Levee								
Durit No. 02 Sacramento River RB	Animal Control	0.01		0.01	1.93%				
Rating   Miles   Washed Miles are present, so the Overall Unit Rating is M instead of A.   Washed Miles are present, so the Overall Unit Rating is M instead of A.	Unit Totals:	0.01	0.00	0.01	1.93%	0.00	0.00	0.00	0.00
Rating   Miles   U Rated Miles are present, so the Overall Unit Rating is M   Instead of A.   Instead of A.	Unit No. 02 Sacramento River RB	Overall Unit	Total Unit	* Overall Unit	Threshold Percer	nt is loss th	an 10 00%	· however	
Rated   Item		Rating	Miles						
Rated Item	RD0150	M *	7.81	instead of A.					
Miles   U Miles   W + 4U Miles   Threshold %   M Miles   U Miles   U Miles   U Miles   U Miles   Earthen Levee	5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Vegetation   0.03   0.03   0.38%   0.33   0.76	Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Trim / Thin Trees									
Encroachments	Vegetation	0.03		0.03	0.38%	0.33	0.76		
Animal Control   0.01   0.01   0.01   0.13%	Trim / Thin Trees	0.02		0.02	0.26%				
Slope Stability	Encroachments	0.25		0.25	3.20%	0.07	0.06		
Composition   Bank Caving   0.02   0.02   0.26%	Animal Control	0.01		0.01	0.13%				
Supplemental   2017 USACE Erosion Survey, DRAFT   0.07   0.28   3.58%   0.17   0.01	Slope Stability	0.05		0.05	0.64%				
DWR UCIP Field Study	Erosion / Bank Caving	0.02		0.02	0.26%				
DWR UCIP Field Study			I						
Unit No. 03 Elk Slough LB			0.07	0.28	3.58%				
Value	DWR UCIP Field Study					0.17	0.01		
Rating   Miles   U Rated Miles are present, so the Overall Unit Rating is M   9.41	Unit Totals:	0.38	0.07	0.66	8.45% *	0.57	0.83	0.00	0.00
Rating   Miles   U Rated Miles are present, so the Overall Unit Rating is M   9.41	Unit No. 03 Elk Slough LB	Overall Unit	Total Unit	* Overall Unit	Threshold Percer	nt is less th	an 10 00%	· however	
Name		Rating	Miles	U Rated Mile	es are present, so				
Rated Item   Maintenance Deficiency   Enforcement   Obsolescence	RD0150	M *	9.41	instead of A.					
M Miles   U Miles   M + 4U Miles   Threshold %   M Miles   U Miles   M Miles   U Miles	D		Maintena	nce Deficiency		Enforc	ement		
Vegetation         0.03         0.02         0.11         1.17%         0.09         0.35           Trim / Thin Trees         0.04         0.16         1.70%         0.00         0.00           Encroachments         0.11         0.11         1.17%         0.42         0.02           Animal Control         0.01         0.04         0.42%         0.02           Slope Stability         0.03         0.03         0.32%         0.01           Erosion / Bank Caving         0.06         0.01         0.10         1.06%         0.03           Crown Surface / Depressions / Rutting         0.01         0.01         0.11%         0.02           Supplemental         DWR UCIP Field Study         0.11         0.02	Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		1
Trim / Thin Trees   0.04   0.16   1.70%			T						
Encroachments   0.11   0.11   1.17%   0.42   0.02		0.03				0.09	0.35		
Animal Control   0.01   0.04   0.42%			0.04						
Slope Stability   0.03   0.03   0.32%   0.01     Erosion / Bank Caving   0.06   0.01   0.10   1.06%   0.03     Crown Surface / Depressions / Rutting   0.01   0.01   0.11%     Supplemental   DWR UCIP Field Study   0.11   0.02	Encroachments	0.11		0.11		0.42	0.02		
Erosion / Bank Caving   0.06   0.01   0.10   1.06%   0.03	Animal Control		0.01	0.04	0.42%				
Crown Surface / Depressions / Rutting         0.01         0.01         0.11%           Supplemental         0.11         0.02         0.01	Slope Stability	0.03		0.03	0.32%			0.01	
Supplemental 0.11 0.02	Erosion / Bank Caving	0.06	0.01	0.10	1.06%			0.03	
DWR UCIP Field Study 0.11 0.02	Crown Surface / Depressions / Rutting	0.01		0.01	0.11%				
		T	I	T	Ĭ				
Unit Totals:         0.24         0.08         0.56         5.95% *         0.62         0.39         0.04         0.00									
	Unit Totals:	0.24	0.08	0.56	5.95% *	0.62	0.39	0.04	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0307 Reclamation District No. 0307 Lisbon	Overall LMA Rating	Total LMA Miles						
	U	6.56						
Rated Item	Maintenance Deficiency				Enforc	ement	Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	6.44	0.49	8.40	128.01%	0.37	0.24		
Trim / Thin Trees	0.17	0.01	0.21	3.20%				
Encroachments	0.17	0.03	0.29	4.42%	0.08	0.04		
Animal Control	0.01		0.01	0.15%				
Slope Stability	0.01		0.01	0.15%				
Erosion / Bank Caving	0.01		0.01	0.15%				
Flood Preparedness & Training	0.07		0.07	1.07%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.28		0.28	4.27%				
DWR UCIP Field Study					0.30	0.01		
2017 Storm Damage	0.06		0.06	0.91%				
LMA Totals:	7.22	0.53	9.34	142.33%	0.75	0.29	0.00	0.00

RD0341	Overall LMA	Total LMA						
Reclamation District No. 0341 Sherman	Rating	Miles						
Island	U	9.64						
Rated Item		Maintenance Deficiency					Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.65	2.27	11.73	121.71%	0.01	0.03		
Trim / Thin Trees	0.21		0.21	2.18%				
Encroachments	0.04		0.04	0.42%		0.02		
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.30	0.37	1.78	18.47%				
DWR UCIP Field Study					0.44	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	3.20	2.64	13.76	142.78%	0.45	0.06	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Threemile Slough RB	Overall Unit	Total Unit						
· ·	Rating	Miles						
RD0341	Α	3.36						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.30%	0.01			
Encroachments	0.01		0.01	0.30%		0.02		
Supplemental								
DWR UCIP Field Study					0.15			
DWR UCIP LMA Responsibility								
Unit Totals:	0.02	0.00	0.02	0.60%	0.16	0.02	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit	Total Unit						

Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0341	U	6.28						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.64	2.27	11.72	186.70%		0.03		
Trim / Thin Trees	0.21		0.21	3.35%				
Encroachments	0.03		0.03	0.48%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.30	0.37	1.78	28.36%				
DWR UCIP Field Study					0.29	0.01		
Unit Totals:	3.18	2.64	13.74	218.88%	0.29	0.04	0.00	0.00

RD0349	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0349 Sutter Island	U	12.41						
Rated Item		Maintenance Deficiency				ement	Design & System Obsolescence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	3.88	0.17	4.56	36.75%	0.19	0.29		
Trim / Thin Trees	0.28		0.28	2.26%				
Encroachments	0.08		0.08	0.65%	0.92	0.29		
Animal Control	0.18		0.18	1.45%				
Slope Stability	0.01		0.01	0.08%				
Flood Preparedness & Training	0.12		0.12	0.97%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.35		0.35	2.82%				
DWR UCIP Field Study					0.50	0.01		
2017 Storm Damage	0.22		0.22	1.77%				
LMA Totals:	5.12	0.17	5.80	46.75%	1.61	0.59	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (Cont.)								
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0349	U	1.59						
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.03	0.06	1.27	80.07%	0.02	0.05		
Trim / Thin Trees	0.03		0.03	1.89%				
Encroachments	0.01		0.01	0.63%	0.01	0.01		
Supplemental	I	T	Ī		2.22	T	1	
DWR UCIP Field Study					0.06			
2017 Storm Damage	0.06		0.06	3.78%				
Unit Totals:	1.13	0.06	1.37	86.37%	0.09	0.06	0.00	0.00
Unit No. 02 Steamboat Slough RB	Overall Unit Rating	Total Unit Miles						
RD0349	U	4.32						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.36	0.11	2.80	64.83%	0.07	0.15		
Trim / Thin Trees	0.03		0.03	0.70%				
Encroachments	0.02		0.02	0.46%	0.14	0.20		
Animal Control	0.18		0.18	4.17%				
Slope Stability	0.01		0.01	0.23%				
Supplemental		I						
2017 USACE Erosion Survey, DRAFT	0.24		0.24	5.56%				
DWR UCIP Field Study					0.17	0.01		
2017 Storm Damage	0.16		0.16	3.71%				
Unit Totals:	3.00	0.11	3.44	79.65%	0.38	0.36	0.00	0.00
Unit No. 03 Sutter Slough LB	Overall Unit Rating	Total Unit Miles						
RD0349	M	6.50						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T						
Vegetation	0.49		0.49	7.54%	0.10	0.09		
Trim / Thin Trees	0.22		0.22	3.38%				
Encroachments	0.05		0.05	0.77%	0.77	0.08		
Supplemental Supplemental	0.11		0.11	4.0007				
2017 USACE Erosion Survey, DRAFT	0.11		0.11	1.69%	0.07			
DWR UCIP Field Study	0.07	0.00	2.27	40.000/	0.27	0.47	0.00	0.00
Unit Totals:	0.87	0.00	0.87	13.38%	1.14	0.17	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0369	Overall LMA	Total LMA						
Reclamation District No. 0369 Libby	Rating	Miles						
McNeil	U	0.78						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	1.29%	0.04			
Trim / Thin Trees	0.11		0.11	14.16%				
Encroachments	0.05		0.05	6.44%	0.01			
Emergency Supplies & Equipment	0.01		0.01	1.29%				
Flood Preparedness & Training	0.01		0.01	1.29%				
Supplemental								
DWR UCIP Field Study					0.04	0.02		
LMA Totals:	0.19	0.00	0.19	24.46%	0.09	0.02	0.00	0.00

RD0501 Reclamation District No. 0501 Ryer	Overall LMA Rating	Total LMA Miles						
Island	M	20.26						
Rated Item		Maintenance Deficiency				ement	Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.36		1.36	6.71%	0.78	0.06		
Trim / Thin Trees	1.00	0.03	1.12	5.53%				
Encroachments					0.40	0.01		
Animal Control	0.52		0.52	2.57%				
Slope Stability		0.01	0.04	0.20%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.13		0.13	0.64%				
DWR UCIP Field Study					0.57	0.05		
DWR UCIP LMA Responsibility								
LMA Totals:	3.01	0.04	3.17	15.65%	1.75	0.12	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)								
Unit No. 01 Steamboat Slough RB	Overall Unit Rating	Total Unit Miles						
RD0501	U	6.71						
	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.57		0.57	8.50%	0.56	0.05		
Trim / Thin Trees	0.63	0.03	0.75	11.18%				
Encroachments					0.03	0.01		
Animal Control	0.51		0.51	7.61%				
Slope Stability		0.01	0.04	0.60%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.13		0.13	1.94%				
DWR UCIP Field Study					0.16	0.01		
Unit Totals:	1.84	0.04	2.00	29.83%	0.75	0.07	0.00	0.00
Unit No. 02 Cache Slough LB	Overall Unit	Total Unit						
onit No. 02 Gaone Glough LB	Rating	Miles						
RD0501	Α	3.56						
	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.11		0.11	3.09%	0.05			
Trim / Thin Trees	0.07		0.07	1.97%				
Encroachments					0.35			
Supplemental								
DWR UCIP Field Study					0.10	0.02		
DWR UCIP LMA Responsibility								
Unit Totals:	0.18	0.00	0.18	5.05%	0.50	0.02	0.00	0.00
Unit No. 03 Miner Slough LB	Overall Unit	Total Unit						
one nor or minor orday.	Rating	Miles						
RD0501	Α	7.71						
	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Vegetation	0.60		0.60	7.78%	0.03	0.01		
Trim / Thin Trees	0.08		0.08	1.04%				
Encroachments					0.01			
Animal Control	0.01		0.01	0.13%				
Supplemental								
DWR UCIP Field Study					0.23	0.01		
Unit Totals:	0.69	0.00	0.69	8.95%	0.27	0.02	0.00	0.00

## Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Sutter Slough RB	Overall Unit Rating	Total Unit Miles						
RD0501	M	2.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.08		0.08	3.51%	0.14			
Trim / Thin Trees	0.22		0.22	9.66%				
Encroachments					0.01			
Supplemental								
DWR UCIP Field Study					0.08	0.01		
Unit Totals:	0.30	0.00	0.30	13.17%	0.23	0.01	0.00	0.00

RD0536 Reclamation District No. 0536 Egbert	Overall LMA Rating	Total LMA Miles						
	U	10.59						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.81	1.20	6.61	62.39%				
Encroachments					0.02	0.06		
Animal Control	0.01		0.01	0.09%				
Slope Stability	0.01		0.01	0.09%				
Crown Surface / Depressions / Rutting	1.19		1.19	11.23%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.32	0.05	0.52	4.91%				
DWR UCIP Field Study					0.11			
DWR UCIP LMA Responsibility								
LMA Totals:	3.55	1.25	8.55	80.70%	0.13	0.06	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sá

Unit No. 01 Lindsey Slough RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.58	-					
			ince Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.25	0.11	0.69	12.36%				
Encroachments					0.02	0.02		
Animal Control	0.01		0.01	0.18%				
Slope Stability	0.01		0.01	0.18%				
Crown Surface / Depressions / Rutting	1.19		1.19	21.31%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.32	0.05	0.52	9.31%				
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility								
Unit Totals:	1.78	0.16	2.42	43.34%	0.09	0.02	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.01						
5		Maintena	ince Deficiency		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1		-					
Vegetation	1.56	1.09	5.92	118.12%				
Encroachments						0.04		
Supplemental								
DWR UCIP Field Study					0.04			
Unit Totals:	1.56	1.09	5.92	118.12%	0.04	0.04	0.00	0.00
RD0537	Overall LMA Rating	Total LMA Miles		Threshold Perce				
Reclamation District No. 0537 Lovdal			Definition of the state of the					
	M *	5.93	rading is wit	notoda or 7 t.				

RD0537 Reclamation District No. 0537 Lovdal	Overall LMA Rating	Total LMA Miles	however, U Rated Miles are present, so the Overall LMA					
	M *	5.93	Rating is M i	instead of A.				
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Nateu itelli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.17%	0.01			
Trim / Thin Trees	0.03		0.03	0.51%				
Encroachments	0.01		0.01	0.17%	0.17	0.18		
Animal Control	0.17	0.03	0.29	4.89%				
Erosion / Bank Caving	0.05	0.01	0.09	1.52%				
Supplemental							<u>'</u>	
DWR UCIP Field Study					0.07	0.01		
LMA Totals:	0.27	0.04	0.43	7.25% *	0.25	0.19	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD0537	M *	4.74	instead of A.					
			nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.21%	0.01			
Trim / Thin Trees	0.03		0.03	0.63%				
Encroachments	0.01		0.01	0.21%	0.17	0.18		
Animal Control	0.17	0.03	0.29	6.11%				
Erosion / Bank Caving	0.05	0.01	0.09	1.90%				
Supplemental Charles Supplemental					0.07	0.04		
DWR UCIP Field Study	0.07	0.04	0.40	0.070/ #	0.07	0.01	0.00	0.00
Unit Totals:	0.27	0.04	0.43	9.07% *	0.25	0.19	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0537	A	1.19						
Date d Itare		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
					•			
RD0551	Overall LMA	Total LMA						
Reclamation District No. 0551 Pearson	Rating	Miles						
	A	6.78			ı		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.26	0.15		
Encroachments					0.02	0.13		
Animal Control	0.01		0.01	0.15%	0.02			
Supplemental	0.01		0.01	0.1376				
DWR UCIP Field Study					0.13			
2017 Storm Damage	0.37		0.37	5.45%				
LMA Totals:	0.38	0.00	0.38	5.60%	0.41	0.15	0.00	0.00
RD0554	Overall LMA	Total LMA						
Reclamation District No. 0554 Walnut	Rating	Miles						
Grove	U	1.13						
Rated Item		Maintena	nce Deficiency		Enforc	ement		System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	l					I	ı	
Vegetation	0.15	0.15	0.75	66.62%		0.01		
Trim / Thin Trees	0.13	0.08	0.45	39.97%				
Encroachments					0.01			
Erosion / Bank Caving	0.01	0.01	0.05	4.44%				
Supplemental	0.40		0.40	0.000/				
2017 USACE Erosion Survey, DRAFT	0.10		0.10	8.88%	0.40	0.04		
DWR UCIP Field Study	0.20	0.04	4.05	110.000/	0.13	0.04	0.00	0.00
LMA Totals:	0.39	0.24	1.35	119.92%	0.14	0.05	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0556	Overall LMA	Total LMA						
Reclamation District No. 0556 Upper	Rating	Miles						
Andrus	U	11.20			l		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	12.41	5.24	33.37	297.93%	0.72	0.85		
Trim / Thin Trees	3.55	0.24	3.55	31.70%	0.72	0.00		
Encroachments	0.03		0.03	0.27%	0.23	0.09		
Animal Control	3.32	0.13	3.84	34.28%	0.20	0.03		
Slope Stability	3.32	0.13	0.04	0.36%				
Erosion / Bank Caving	0.02	0.01	0.04	0.18%				
Repair Gates	0.02	0.01	0.02	0.16%				
Emergency Supplies & Equipment	0.11	0.01	0.04	0.36 %				
Flood Preparedness & Training	0.11		0.11	0.98%				
2017 USACE Erosion Survey, DRAFT	1.85		1.85	16.52%				
DWR UCIP Field Study				1010270	0.23	0.01		
LMA Totals:	21.40	5.39	42.96	383.56%	1.18	0.95	0.00	0.00
Livii i rotaio.			12.00	000.0070	1.10	0.00	0.00	0.00
Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.48						
Detect to a		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.05	4.04	00.54	440.500/	0.40	0.07	I	T
Vegetation	3.95	4.64	22.51	410.59%	0.12	0.27		
Trim / Thin Trees	1.71		1.71	31.19%				
Encroachments					0.01	0.07		
Animal Control	3.32	0.12	3.80	69.31%				
Slope Stability		0.01	0.04	0.73%				
Erosion / Bank Caving	0.02		0.02	0.37%				
Repair Gates		0.01	0.04	0.73%				
Supplemental 2017 USACE Erosion Survey, DRAFT	1.10	1	1.10	24.740/			I	I
	1.19		1.19	21.71%	0.40			
DWR UCIP Field Study	10.19	4.78	20.24	F24 C20/	0.12	0.04	0.00	0.00
Unit Totals:	10.19	4.76	29.31	534.62%	0.25	0.34	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0556	U	5.72						
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee							1	
Vegetation	8.46	0.60	10.86	189.92%	0.60	0.58		
Trim / Thin Trees	1.84		1.84	32.18%				
Encroachments	0.03		0.03	0.53%	0.22	0.02		
Animal Control		0.01	0.04	0.70%				
Supplemental		·						
2017 USACE Erosion Survey, DRAFT	0.66		0.66	11.54%				
DWR UCIP Field Study					0.11	0.01		
Unit Totals:	10.99	0.61	13.43	234.87%	0.93	0.61	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0563	Overall LMA	Total LMA						
Reclamation District No. 0563 Tyler	Rating	Miles						
Island	U	12.11						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.75	0.37	3.23	26.68%	0.17	0.08		
Trim / Thin Trees	0.40	0.08	0.72	5.95%				
Encroachments	0.09	0.01	0.13	1.07%	0.14	0.04		
Animal Control	0.08	0.03	0.20	1.65%				
Slope Stability	0.03	0.01	0.07	0.58%				
Erosion / Bank Caving	0.02	0.01	0.06	0.50%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	4.71	0.28	5.83	48.16%				
DWR UCIP Field Study					0.34	0.02		
LMA Totals:	7.08	0.79	10.24	84.59%	0.65	0.14	0.00	0.00

RD0755	Overall LMA	Total LMA						
Reclamation District No. 0755 Randall	Rating	Miles						
	U	1.83						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	3.16		3.16	172.26%	0.15			
Trim / Thin Trees	0.07		0.07	3.82%				
Encroachments					0.01			
Animal Control	1.34		1.34	73.05%				
Flood Preparedness & Training	0.02		0.02	1.09%				
Supplemental								
DWR UCIP Field Study					0.07			
LMA Totals:	4.59	0.00	4.59	250.21%	0.23	0.00	0.00	0.00

RD0765 Reclamation District No. 0765 Glide	Overall LMA Rating	Total LMA Miles						
	U	1.72						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.25		0.25	14.52%				
Trim / Thin Trees	0.06		0.06	3.48%				
Encroachments	0.08		0.08	4.65%	0.32	0.07		
Slope Stability	0.02		0.02	1.16%				
Emergency Supplies & Equipment	0.02		0.02	1.16%				
Flood Preparedness & Training	0.02		0.02	1.16%				
Supplemental								
DWR UCIP Field Study					0.05			
LMA Totals:	0.44	0.00	0.44	25.55%	0.37	0.07	0.00	0.00

### Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0784	Overall LMA	Total LMA						
Reclamation District No. 0784 Plumas	Rating	Miles						
Lake	Α	33.20						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					2.70	0.49		
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.01		0.01	0.03%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
LMA Totals:	0.01	0.00	0.01	0.03%	2.72	0.49	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

. ,								
Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	2.21						
		Maintena	nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee								
Encroachments					0.12	0.49		
Supplemental							I	
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.13	0.49	0.00	0.00
Unit No. 02A Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	2.54						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
	0 "11"	T 4 111 %			l			
Unit No. 02B Feather River LB	Overall Unit Rating	Total Unit Miles						
DD0704	A	3.95						
RD0784			nce Deficiency					k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Enforcement		Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	M Miles	U Miles	IVI IVIIIES	O ivilles
Encroachments					0.10			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
W '' W COA D D' DD	0	T-(-111-16						
Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
DD0704	A	0.78						
RD0784			5 " :		Ε,		Design 8	& System
Rated Item	NA NAH		nce Deficiency	Thursday 10/	Enforc		Obsole	
No Itama	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items  Unit Totals:	0.00	0.00	0.00	0.000/				
Unit Totals.	0.00	0.00	0.00	0.00%				
Unit No. 03B Bear River RB	Overall Unit Rating	Total Unit Miles						
DD0794	rtating							
RD0784	A	1.49						
	_		nce Deficiency		Enforc	ement	Design &	•
Rated Item	_		nce Deficiency M + 4U Miles	Threshold %			Design & Obsole	scence
Rated Item  Earthen Levee	A	Maintena		Threshold %			Obsole	scence
Rated Item	A	Maintena		Threshold %			Obsole	scence
Rated Item  Earthen Levee  Encroachments  Supplemental	A M Miles	Maintena	M + 4U Miles		M Miles		Obsole	scence
Rated Item  Earthen Levee Encroachments  Supplemental 2017 USACE Erosion Survey, DRAFT	A	Maintena		Threshold %	M Miles		Obsole	scence
Rated Item  Earthen Levee  Encroachments  Supplemental	A M Miles	Maintena	M + 4U Miles		M Miles		Obsole	scence

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	A	6.33						
RD0764		L	nce Deficiency		Enforc	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Supplemental		000	1	7		•		<b>C</b>
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 05 Interceptor Canal LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	4.19					D	0
Rated Item		Maintena	nce Deficiency			ement	Obsole	k System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments					2.18			
Supplemental					2.10			
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	2.18	0.00	0.00	0.00
Unit No. 06 South Dry Creek RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	0.25						
Dated Item		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental Supplemental		I						
DWR UCIP LMA Responsibility  Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00
Unit rotals.	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00
Unit No. 07 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	3.82						
Dated Hors		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 08 Three Rivers RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	1.93						
Poted Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 09 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	5.71						
Poted Item		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items Unit Totals:	0.00	0.00	0.00	0.00%				
					-			

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0785 Reclamation District No. 0785 Driver	Overall LMA Rating	Total LMA Miles						
	U	5.57						
		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.17		1.17	21.02%				
Encroachments	0.02		0.02	0.36%	0.12			
Animal Control	0.01		0.01	0.18%				
Slope Stability	0.02		0.02	0.36%				
Erosion / Bank Caving	0.03	0.01	0.07	1.26%				
Supplemental  DWR UCIP Field Study					0.07			
LMA Totals:	1.25	0.01	1.29	23.17%	0.07	0.00	0.00	0.00
LIVIA TOTAIS.	1.25	0.01	1.25	23.1770	0.13	0.00	0.00	0.00
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0785	U	2.26			1		Danier 9	Custom
Rated Item		Maintena	nce Deficiency		Enforc	cement	Obsole	k System scence
Natod Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	4.47		4.47	E4 000/				
Vegetation	1.17		1.17	51.86%	0.44			
Encroachments	0.01		0.01	0.44%	0.11			
Animal Control	0.01		0.01	0.44%				
Slope Stability	0.01	0.04	0.01	0.44%				
Erosion / Bank Caving Supplemental	0.03	0.01	0.07	3.10%				
DWR UCIP Field Study					0.04			
Unit Totals:	1.23	0.01	1.27	56.29%	0.15	0.00	0.00	0.00
				<u> </u>				
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
DD0705	A	3.31						
RD0785			5 ( )		I		Design 8	& System
Rated Item	NA NATIO		nce Deficiency	The second second 07		cement	Obsole	scence
Familiana	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments	0.01		0.01	0.30%	0.01			
Slope Stability	0.01		0.01	0.30%	0.0.			
Supplemental	0.01		0.0.	0.0070				
DWR UCIP Field Study					0.03			
Unit Totals:	0.02	0.00	0.02	0.60%	0.04	0.00	0.00	0.00
RD0787	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0787 Fair		4.45						
	A		D. f. :		I .		Design 8	& System
Rated Item	NA NATI	1	nce Deficiency	Thus also Lil Co		cement	Obsole	scénce
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Cumplemental								
Supplemental  DWR UCIP Field Study					0.01			
Supplemental  DWR UCIP Field Study  2017 Storm Damage	0.13		0.13	2.92%	0.01			

### Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0817	Overall LMA	Total LMA						
Reclamation District No. 0817 Carlin	Rating	Miles						
	Α	8.99			1		Danies 0	Custom
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.01			
Encroachments					2.56			
Erosion / Bank Caving	0.01		0.01	0.11%	2.00			
Supplemental								
DWR UCIP Field Study					0.21	0.04		
DWR UCIP LMA Responsibility								
LMA Totals:	0.01	0.00	0.01	0.11%	2.78	0.04	0.00	0.00
Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
RD0817	Α	3.81						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					2.07			
DWR UCIP Field Study					0.15	0.02		
DWR UCIP LMA Responsibility					0.13	0.02		
Unit Totals:	0.00	0.00	0.00	0.00%	2.22	0.02	0.00	0.00
			0.00	0.0070		0.02	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0817	Α	3.86						
Data d Name		Maintena	nce Deficiency		Enforc	ement	Design 8	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles			
					141 1411100	U Miles	M Miles	U Miles
Earthen Levee						U Miles		U Miles
Vegetation					0.01	U Miles		U Miles
Vegetation Encroachments	0.04			0.00%		U Miles		U Miles
Vegetation Encroachments Erosion / Bank Caving	0.01		0.01	0.26%	0.01	U Miles		U Miles
Vegetation Encroachments Erosion / Bank Caving Supplemental	0.01			0.26%	0.01	U Miles		U Miles
Vegetation Encroachments Erosion / Bank Caving	0.01	0.00		0.26%	0.01			U Miles  0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental DWR UCIP Field Study			0.01		0.01 0.07 0.04	0.02	M Miles	
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB	0.01 Overall Unit	Total Unit	0.01		0.01 0.07 0.04	0.02	M Miles	
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817	0.01  Overall Unit Rating	Total Unit Miles 1.32	0.01		0.01 0.07 0.04 0.12	0.02	O.00	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB	0.01  Overall Unit Rating	Total Unit Miles 1.32	0.01  0.01  nce Deficiency		0.01 0.07 0.04 0.12	0.02	0.00	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817	0.01  Overall Unit Rating  A	Total Unit Miles 1.32 Maintena	0.01	0.26%	0.01 0.07 0.04 0.12	0.02 0.02	0.00  Design & Obsole	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817  Rated Item	0.01  Overall Unit Rating  A	Total Unit Miles 1.32 Maintena	0.01  0.01  nce Deficiency	0.26%	0.01 0.07 0.04 0.12	0.02 0.02	0.00  Design & Obsole	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817  Rated Item  Earthen Levee  Encroachments Supplemental	0.01  Overall Unit Rating  A	Total Unit Miles 1.32 Maintena	0.01  0.01  nce Deficiency	0.26%	0.01 0.07 0.04 0.12 Enforce M Miles	0.02 0.02	0.00  Design & Obsole	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817  Rated Item  Earthen Levee Encroachments Supplemental  DWR UCIP Field Study	0.01  Overall Unit Rating  A	Total Unit Miles 1.32 Maintena	0.01  0.01  nce Deficiency	0.26%	0.01 0.07 0.04 0.12 Enforc	0.02 0.02	0.00  Design & Obsole	0.00
Vegetation Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study Unit Totals:  Unit No. 03 South Dry Creek RB  RD0817  Rated Item  Earthen Levee  Encroachments Supplemental	0.01  Overall Unit Rating  A	Total Unit Miles 1.32 Maintena	0.01  0.01  nce Deficiency	0.26%	0.01 0.07 0.04 0.12 Enforce M Miles	0.02 0.02	0.00  Design & Obsole	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0827	Overall LMA	Total LMA						
Reclamation District No. 0827 Elkhorn	Rating	Miles						
	Α	4.12					D: 6	0.00
Rated Item		Maintena	nce Deficiency			ement	Obsole	& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments	0.05		0.05	1.21%	0.47			
Ericroachments  Erosion / Bank Caving	0.03		0.03	0.49%	0.47			
Supplemental	0.02		0.02	0.4976				
DWR UCIP Field Study					0.06			
2017 Storm Damage	0.01		0.01	0.24%				
LMA Totals:	0.08	0.00	0.08	1.94%	0.53	0.00	0.00	0.00
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0827	Α	1.34						
Detect No.		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.04		0.04	2.98%	0.47			
Erosion / Bank Caving	0.02		0.02	1.49%				
Supplemental  DWR UCIP Field Study					0.02			
Unit Totals:	0.06	0.00	0.06	4.47%	0.49	0.00	0.00	0.00
	0.00	0.00	0.00	4.47 70	0.40	0.00	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0827	Α	2.78					Design 6	Custom
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole	& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments	0.01		0.01	0.36%				
Supplemental	0.01		0.01	0.36%				
DWR UCIP Field Study					0.04			
2017 Storm Damage	0.01		0.01	0.36%				
Unit Totals:	0.02	0.00	0.02	0.72%	0.04	0.00	0.00	0.00
						1	1	
RD0900	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0900 West Sacramento	A	12.96						
Castanicino		1 - 10 0	nas Definionau		Enforce	ement		& System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Tillesiloiu %	IVI IVIIIES	U ivilles	IVI IVIIIeS	U Miles
Vegetation	0.05		0.05	0.39%				
Encroachments	0.05		0.05	0.39%	0.64	0.01		
Slope Stability	0.02		0.02	0.15%				
Supplemental		1						
2017 USACE Erosion Survey, DRAFT	0.21		0.21	1.62%				
DWR UCIP Field Study					0.40			
DWR UCIP LMA Responsibility								
LMA Totals:	0.33	0.00	0.33	2.55%	1.04	0.01	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0900	Α	7.70						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	0.65%				
Encroachments	0.04		0.04	0.52%	0.51	0.01		
Slope Stability	0.01		0.01	0.13%				
Supplemental			l .	1				
2017 USACE Erosion Survey, DRAFT	0.21		0.21	2.73%				
DWR UCIP Field Study					0.16			
DWR UCIP LMA Responsibility								
Unit Totals:	0.31	0.00	0.31	4.03%	0.67	0.01	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0900	A	5.26						
D		Maintena	nce Deficiency		Enforc	ement	Design & Obsoles	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.19%	0.13			
Slope Stability	0.01		0.01	0.19%				
Supplemental		1	I.	1				
DWR UCIP Field Study					0.24			
Unit Totals:	0.02	0.00	0.02	0.38%	0.37	0.00	0.00	0.00
DD0000		Total I MA	I					

RD0999 Reclamation District No. 0999	Overall LMA Rating	Total LMA Miles						
Netherlands	M	32.17						
Rated Item		Maintenance Deficiency Enforcement					Design 8 Obsole	k System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.24	0.09	0.60	1.87%	0.46	0.58		
Trim / Thin Trees	0.74	0.08	1.06	3.30%				
Encroachments	0.07	0.01	0.11	0.34%	3.00	0.41		
Animal Control	0.01	0.01	0.05	0.16%				
Slope Stability	0.04	0.01	0.08	0.25%				
Erosion / Bank Caving	0.08	0.01	0.12	0.37%				
Crown Surface / Depressions / Rutting	0.10		0.10	0.31%				
Repair Gates	0.01		0.01	0.03%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.33	0.67	3.01	9.36%				
DWR UCIP Field Study					0.60	0.02		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.03		0.03	0.09%				
LMA Totals:	1.65	0.88	5.17	16.07%	4.06	1.01	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
DD0000	M *	15.41	instead of A.		the Overal	ii Omi Radi	ig is ivi	
RD0999	IVI		5 " .		<i>_</i>		Design 8	System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee	IVI IVIIICS	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O Miles	IVI IVIIICS	O Miles
Vegetation	0.19		0.19	1.23%	0.01	0.01		
Trim / Thin Trees	0.26		0.26	1.69%		0.00		
Encroachments			5.25	110070	0.93	0.29		
Animal Control	0.01	0.01	0.05	0.32%		0.20		
Slope Stability	0.02		0.02	0.13%				
Erosion / Bank Caving	0.01		0.01	0.07%				
Supplemental	0.01		0.01	0.01 /0				
DWR UCIP Field Study					0.05	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.49	0.01	0.53	3.44% *	0.99	0.31	0.00	0.00
W. W. M. 60 M. 61 J. D.	0	T-(-111-2)						
Unit No. 02 Miner Slough RB	Overall Unit Rating	Total Unit Miles						
	A	2.31						
RD0999	A						Design 8	System
Rated Item			nce Deficiency		Enforcement		Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.02		0.02	0.87%	0.03	0.01		
Trim / Thin Trees	0.02		0.02	0.87%	0.03	0.01		
Encroachments	0.02		0.02	0.67%	0.07	0.04		
	0.01		0.01	0.43%	0.07	0.04		
Supplemental  DWR UCIP Field Study					0.08			
Unit Totals:	0.05	0.00	0.05	2.17%	0.18	0.05	0.00	0.00
O'mi ' Otalio'	0.00	0.00	0.00		35	0.00	0.00	0.00
Unit No. 03 Sutter Slough RB	Overall Unit Rating	Total Unit Miles						
RD0999	U	3.74						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		220						
Vegetation	0.01	0.01	0.05	1.34%	0.02	0.02		
Encroachments	0.03		0.03	0.80%		0.01		
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.32	0.41	1.96	52.36%				
DWR UCIP Field Study					0.04			
2017 Storm Damage	0.03		0.03	0.80%				
Unit Totals:	0.39	0.42	2.07	55.30%	0.06	0.03	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 04 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0999	U	1.22						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee			1				1	
Vegetation		0.02	0.08	6.56%	0.14	0.17		
Trim / Thin Trees	0.10		0.10	8.20%				
Encroachments	0.01		0.01	0.82%	0.07	0.01		
Erosion / Bank Caving	0.02		0.02	1.64%				
Supplemental								
2017 USACE Erosion Survey, DRAFT		0.26	1.04	85.24%				
DWR UCIP Field Study					0.14			
Unit Totals:	0.13	0.28	1.25	102.46%	0.35	0.18	0.00	0.00
Unit No. 05 Elk Slough RB	Overall Unit	Total Unit						
One ito. to an olough RB	Rating	Miles						
RD0999	M	9.48						
			nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee		•		7		000		•
Vegetation	0.02	0.06	0.26	2.74%	0.26	0.37		
Trim / Thin Trees	0.36	0.08	0.68	7.17%				
Encroachments	0.02	0.01	0.06	0.63%	1.93	0.06		
Slope Stability	0.02	0.01	0.06	0.63%				
Erosion / Bank Caving	0.05	0.01	0.09	0.95%				
Crown Surface / Depressions / Rutting	0.10		0.10	1.05%				
Repair Gates	0.01		0.01	0.11%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.01		0.01	0.11%				
DWR UCIP Field Study					0.29	0.01		
Unit Totals:	0.59	0.17	1.27	13.39%	2.48	0.44	0.00	0.00
					•			
RD1000	Overall LMA	Total LMA						
Reclamation District No. 1000 Natomas	Rating	Miles						
	A	41.84						
Rated Item		Maintena	nce Deficiency		Enforcement		Obsole	& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					2.35	0.77		
Trim / Thin Trees	0.02		0.02	0.05%				
Encroachments					5.73	0.37		
Slope Stability	0.03		0.03	0.07%				
Supplemental								
DWR UCIP Field Study					0.12			

0.05

LMA Totals:

0.00

0.05

0.12%

8.20

1.14

0.00

0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	18.28					Dooign	& System
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole	
Nated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	T		T				ı	
Vegetation					2.23	0.77		
Trim / Thin Trees	0.02		0.02	0.11%				
Encroachments					4.20	0.31		
Unit Totals:	0.02	0.00	0.02	0.11%	6.43	1.08	0.00	0.00
Unit No. 02 American River RB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	2.32						
Detectives	Maintenance Deficiency Enf						Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 03 Natomas East Canal RB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	16.93						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	I		1	<u> </u>				
Vegetation					0.12			
Encroachments					1.53	0.06		
Slope Stability	0.03		0.03	0.18%				
Unit Totals:	0.03	0.00	0.03	0.18%	1.65	0.06	0.00	0.00
Unit No. 04 Natomas Cross Canal LB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	4.30						
	Maintenance Deficiency				Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Supplemental								
DWR UCIP Field Study					0.12			
Unit Totals:	0.00	0.00	0.00	0.00%	0.12	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD1001 Reclamation District No. 1001 Nicolaus	Overall LMA Rating M *	Total LMA Miles 43.74	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
Date differen		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	0.11%	0.08	0.09		
Trim / Thin Trees	0.06		0.06	0.14%				
Encroachments	0.03		0.03	0.07%	3.05	0.17		
Animal Control	0.01		0.01	0.02%				
Slope Stability	0.09		0.09	0.21%				
Erosion / Bank Caving	0.01		0.01	0.02%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	1.21	0.41	2.85	6.52%				
DWR UCIP Field Study					0.24	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	1.46	0.41	3.10	7.09% *	3.37	0.28	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yankee Slough RB	Overall Unit Rating	Total Unit Miles						
RD1001	A	4.12						
		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.06	0.01		
Encroachments					0.08	0.05		
Supplemental	ı	ı	I					
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.15	0.06	0.00	0.00
Unit No. 02 Yankee Slough LB	Overall Unit Rating	Total Unit Miles						
RD1001	A	3.65						
ND 1001	7.		nce Deficiency		Enforc	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	scence U Mile:
Earthen Levee								
Vegetation					0.01	0.01		
Encroachments					0.34	0.01		
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.03		0.03	0.82%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.03	0.00	0.03	0.82%	0.37	0.02	0.00	0.00
Unit No. 03 Bear River LB	Overall Unit Rating	Total Unit Miles						
RD1001	A	12.58						
		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	l.							
Vegetation	0.05		0.05	0.40%				
Trim / Thin Trees	0.02		0.02	0.16%				
Encroachments					1.72	0.01		
Slope Stability	0.02		0.02	0.16%				
Erosion / Bank Caving	0.01		0.01	0.08%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.12		0.12	0.95%				
DWR UCIP Field Study					0.03			

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)	T							
Unit No. 04 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD1001	M	13.27						
Dated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	ı					T	1	
Vegetation					0.01	0.07		
Trim / Thin Trees	0.03		0.03	0.23%				
Encroachments	0.02		0.02	0.15%	0.13	0.01		
Animal Control	0.01		0.01	0.08%				
Slope Stability	0.07		0.07	0.53%				
Supplemental	2.44	0.44	0.05	45.4407		I	I	
2017 USACE Erosion Survey, DRAFT	0.41	0.41	2.05	15.44%				
DWR UCIP Field Study					0.07			
Unit Totals:	0.54	0.41	2.18	16.42%	0.21	0.08	0.00	0.00
Unit No. 05 Natomas Cross Canal RB	Overall Unit Rating	Total Unit Miles						
RD1001	M	5.39						
B		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.28			
Supplemental	0.05		2.25	40.000/		T	1	
2017 USACE Erosion Survey, DRAFT	0.65		0.65	12.06%				
DWR UCIP Field Study					0.04			
Unit Totals:	0.65	0.00	0.65	12.06%	0.32	0.00	0.00	0.00
Unit No. 06 East Side Canal RB	Overall Unit Rating	Total Unit Miles						
RD1001	A	4.74						
		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.01		0.01	0.21%				
Encroachments	0.01		0.01	0.21%	0.50	0.09		
Supplemental							<u>'</u>	
DWR UCIP Field Study					0.07	0.02		
Unit Totals:	0.02	0.00	0.02	0.42%	0.57	0.11	0.00	0.00
	0	T-1-11 NAA						
RD1500	Overall LMA Rating	Total LMA Miles		Threshold Perce Rated Miles are p				
Reclamation District No. 1500 Sutter Basin	M *	53.87	Rating is M		resem, so i	irie Overaii	LIVIA	
Dasiii	IVI				T		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
5 4 4	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.16			
Encroachments					4.82	0.24		
Animal Control	0.12		0.12	0.22%	4.02	0.24		
		0.04						
Erosion / Bank Caving	0.02	0.01	0.06	0.11%				
Underseepage Relief Wells		0.01	0.04	0.07%				
Supplemental  DWR UCIP Field Study					0.46	0.01		
LMA Totals:	0.14	0.02	0.22	0.41% *	5.44	0.25	0.00	0.00
LIVIA TOTALS.	0.14	0.02	0.22	0.71/0	5.44	0.20	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

· · · · · · · · · · · · · · · · · · ·								
Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percer es are present, so				
RD1500	M *	33.15	instead of A.					
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.16			
Encroachments					4.80	0.24		
Animal Control	0.11		0.11	0.33%				
Erosion / Bank Caving	0.02	0.01	0.06 0.18%					
Supplemental								
DWR UCIP Field Study					0.46	0.01		
Unit Totals:	0.13	0.01	0.17	0.51% *	5.42	0.25	0.00	0.00
Unit No. 02 Sutter Bypass RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percer es are present, so				
RD1500	M *	20.72	instead of A.					
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.02			
Animal Control	0.01		0.01	0.05%				
Underseepage Relief Wells		0.01	0.04	0.19%				
Unit Totals:	0.01	0.01	0.05	0.24% *	0.02	0.00	0.00	0.00

RD1600	Overall LMA	Total LMA Miles						
Reclamation District No. 1600 Mull	Rating							
	M	14.69						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.43		1.43	9.73%				
Trim / Thin Trees	0.01		0.01	0.07%				
Encroachments	0.11		0.11	0.75%	0.17			
Animal Control	0.01		0.01	0.07%				
Slope Stability	0.07		0.07	0.48%				
Erosion / Bank Caving	0.05		0.05	0.34%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	1.18		1.18	8.03%				
DWR UCIP Field Study					0.10			
LMA Totals:	2.86	0.00	2.86	19.47%	0.27	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)	ı							
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD1600	U	10.46						
5		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.43		1.43	13.67%				
Trim / Thin Trees	0.01		0.01	0.10%				
Encroachments	0.02		0.02	0.19%	0.17			
Animal Control	0.01		0.01	0.10%				
Slope Stability	0.06		0.06	0.57%				
Erosion / Bank Caving	0.04		0.04	0.38%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	1.18		1.18	11.28%				
DWR UCIP Field Study					0.09			
Unit Totals:	2.75	0.00	2.75	26.29%	0.26	0.00	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD1600	Α	4.23						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	171 1711100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	71110011010 70	101 1011100	0 1111100	111 1111100	O WILLOO
Encroachments	0.09		0.09	2.13%				
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving	0.01		0.01	0.24%				
Supplemental	I						l	
DWR UCIP Field Study					0.01			
Unit Totals:	0.11	0.00	0.11	2.60%	0.01	0.00	0.00	0.00
DD4004	0	TatallNAA						
RD1601	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 1601 Twitchell	A	2.43						
			5.6.		F. (		Design 8	& System
Rated Item		1	nce Deficiency	<b>T</b>		ement		scence
0	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental  DWR UCIP Field Study					0.05			
LMA Totals:	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00
Livit Foldid.	0.00	0.00	0.00	0.0070	0.00	0.00	0.00	0.00
RD1660	Overall LMA	Total LMA	* Overall LMA	Threshold Perce	nt is less th	an 10.00%	ć:	
Reclamation District No. 1660 Tisdale	Rating	Miles	however, U	Rated Miles are p				
	M *	12.04	Rating is M	instead of A.				
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	1	l						
Encroachments					0.42	0.33		
Animal Control	0.02	0.01	0.06	0.50%				
Slope Stability	0.06		0.06	0.50%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.03		0.03	0.25%				
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.11	0.01	0.15	1.25% *	0.45	0.33	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Overall Unit Rating	Total Unit Miles						
M *	2.94	instead of A.					
	Maintena	nce Deficiency		Enforc	ement		& System scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
				0.42	0.33		
0.01	0.01	0.05	1.70%				
0.05		0.05	1.70%				
	T	I					
0.03		0.03	1.02%				
				0.02			
0.09	0.01	0.13	4.42% *	0.44	0.33	0.00	0.00
Overall Unit	Total Unit						
Rating	Miles						
A	9.10						
	Maintena	nce Deficiency		Enforcement M Miles U Miles			k System
M Miles	U Miles	M + 4U Miles	Threshold %			M Miles	U Miles
0.01		0.01	0.11%				
0.01		0.01	0.11%				
				0.01			
0.02	0.00	0.02	0.22%	0.01	0.00	0.00	0.00
Overall I MA	Total I MA						
Rating	Miles						
Α	12.15						
	Maintena	nce Deficiency		Enforc	ement		k System
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
				6.36			
0.12		0.12	0.99%				
0.12		0.12	0.99%				
0.12		0.12	0.99%	0.10			
0.12		0.12	0.99%	0.10			
	Rating M *  M Miles  0.01 0.05  0.03  0.09  Overall Unit Rating A  M Miles  0.01 0.01  0.02  Overall LMA Rating A	Rating   Miles   M *   2.94	Rating   Miles   U Rated Miles   Instead of A.	Rating   Miles	Rating   Miles   Weater Miles are present, so the Overal instead of A.	Rating   Miles   U Rated Miles are present, so the Overall Unit Ratin instead of A.	Rating Miles         Miles instead of A.         A Validad Miles are present, so the Overall Unit Rating is M instead of A.           M *         2.94         Enforcement Designer of Design & Desi

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

decramento River Basin (Cont.)								
Unit No. 01 Cache Creek Settling Basin RB	Overall Unit Rating	Total Unit Miles						
RD2035	Α	2.01						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental  DWR UCIP Field Study					0.04			
	0.00	0.00	0.00	0.00%		0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2035	A	7.63						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					3.98			
Supplemental  DWR UCIP Field Study					0.05			
DWR UCIP LMA Responsibility					0.00			
Unit Totals:	0.00	0.00	0.00	0.00%	4.03	0.00	0.00	0.00
Offic Foldie.	0.00		0.00	0.0070	4.00	0.00	0.00	0.00
Unit No. 03 Willow Slough Bypass LB	Overall Unit Rating	Total Unit Miles						
RD2035	Α	2.51						
Data diliana		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					2.38			
Supplemental Supplemental					0.04	I	I	
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility	2.22	0.00	0.00	0.000/	0.00	0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	2.39	0.00	0.00	0.00
RD2060	Overall LMA	Total LMA						
Reclamation District No. 2060 Hastings	Rating	Miles						
	M	15.65						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		l						
Vegetation	1.38		1.38	8.82%				
Encroachments					1.66			
Slope Stability	0.01		0.01	0.06%				
Repair Gates	0.01		0.01	0.06%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.19		0.19	1.21%				
DWR UCIP Field Study					0.09			
2017 Storm Damage	1.00		1.00	6.39%				
LMA Totals:	2.59	0.00	2.59	16.55%	1.75	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)	ı	T	I					
Unit No. 01 Lindsey Slough LB	Overall Unit Rating	Total Unit Miles						
RD2060	Α	6.97						
Detail Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	1
Earthen Levee								
Vegetation	0.17		0.17	2.44%				
Repair Gates	0.01		0.01	0.14%				
Supplemental	0.12		0.12	4.070/				
2017 USACE Erosion Survey, DRAFT  DWR UCIP Field Study	0.13		0.13	1.87%	0.03			
2017 Storm Damage	0.28		0.28	4.02%	0.03			
Unit Totals:		0.00			0.03	0.00	0.00	0.00
Unit Totals.	0.59	0.00	0.59	8.46%	0.03	0.00	0.00	0.00
Unit No. 02 Ulatis Creek RB	Overall Unit Rating	Total Unit Miles						
RD2060	U	3.64						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.21		1.21	33.23%				
Encroachments					1.66			
Supplemental	l	I	l					
DWR UCIP Field Study					0.03			
Unit Totals:	1.21	0.00	1.21	33.23%	1.69	0.00	0.00	0.00
Unit No. 03 Cache Slough RB	Overall Unit Rating	Total Unit Miles						
RD2060	M	5.03						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Slope Stability	0.01		0.01	0.20%				
Supplemental	0.00	T	2.22	4.400/		l		l
2017 USACE Erosion Survey, DRAFT	0.06		0.06	1.19%	0.00			
DWR UCIP Field Study	0.70		0.70	44.000/	0.03			
2017 Storm Damage	0.72	0.00	0.72	14.30%	0.00	0.00	0.00	0.00
Unit Totals:	0.79	0.00	0.79	15.69%	0.03	0.00	0.00	0.00
RD2068	Overall LMA	Total I MA						
Reclamation District No. 2068 Yolano	Rating	Miles						
Trockett District No. 2000 Toland	A	8.71						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		255		70		2		2
Vegetation	0.01		0.01	0.12%				
Supplemental	ı	I	T	Ĭ				
DWR UCIP Field Study					0.13			
DWR UCIP LMA Responsibility  LMA Totals:								
	0.01	0.00	0.01	0.12%	0.13	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2068	A	5.48						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.05			
Unit Totals:	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00
Unit No. 02 Back Levee LB	Overall Unit Rating	Total Unit Miles						
RD2068	A	3.22						
		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.31%				
Supplemental	I	T			0.00		I	
DWR UCIP Field Study					0.08			
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	0.31%	0.08	0.00	0.00	0.00
RD2098	Overall LMA	Total LMA						
Reclamation District No. 2098 Cache	Rating	Miles						
and Haas Slough	U	10.91						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	6.47		6.47	59.33%				
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.02		0.02	0.18%	0.01			
Slope Stability	0.01		0.01	0.09%				
Erosion / Bank Caving	0.51		0.51	4.68%				l
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.98		0.98	8.99%				
DWR UCIP Field Study					0.13	0.03		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.14		0.14	1.28%				
LMA Totals:	8.14	0.00	8.14	74.64%	0.14	0.03	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass RB	Overall Unit	Total Unit						
Onit No. 01 Tolo Bypass NB	Rating	Miles						
RD2098	U	3.60						
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I					I	
Vegetation	3.92		3.92	108.96%				
Trim / Thin Trees	0.01		0.01	0.28%				
Erosion / Bank Caving	0.50		0.50	13.90%				
Supplemental  DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility					0.00			
2017 Storm Damage	0.06		0.06	1.67%				
Unit Totals:	4.49	0.00	4.49	124.80%	0.06	0.00	0.00	0.00
				12.110070	1	0.00	0.00	
Unit No. 01A Cross Levee RB	Overall Unit Rating	Total Unit Miles						
RD2098	U	0.53						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.52		0.52	98.93%				
Unit Totals:	0.52	0.00	0.52	98.93%	0.00	0.00	0.00	0.00
Unit No. 02 Cache Slough LB	Overall Unit Rating	Total Unit Miles						
DD0000	U	1.89						
RD2098			nas Deficiency		Fufara	ement		k System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Miles
Vegetation	2.03		2.03	107.16%				
Encroachments	0.01		0.01	0.53%	0.01			
Erosion / Bank Caving	0.01		0.01	0.53%				
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.04		0.04	2.11%				
Unit Totals:	2.09	0.00	2.09	110.33%	0.03	0.00	0.00	0.00
Unit No. 03 Haas Slough RB	Overall Unit Rating	Total Unit Miles						
RD2098	U	1.94						
NB2030			nce Deficiency		Enforce	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee	1							
Encroachments	0.01		0.01	0.52%				
Slope Stability	0.01		0.01	0.52%				
Supplemental	0.00		0.00	05.400/				
2017 USACE Erosion Survey, DRAFT	0.68		0.68	35.12%	0.04			
DWR UCIP Field Study	0.04		0.04	0.070/	0.01			
2017 Storm Damage	0.04	0.00	0.04	2.07%	0.04	0.00	0.00	0.00
Unit Totals:	0.74	0.00	0.74	38.22%	0.01	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

# S

Overall Unit Rating	Total Unit Miles						
M						Design 8	2 System
		, ,				Obsole	scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
0.00		0.00	40.400/			I	
0.30		0.30	10.16%	0.04	0.00		
0.30	0.00	0.30	10.16%	0.04	0.03	0.00	0.00
Overall LMA Rating	Total LMA Miles						
Α	9.53						
	Maintena	nce Deficiency		Enforc	ement	Design 8	& System
M Miles			Threshold %				
IVI IVIIIOO	0 1111100	W 1 10 Willion	Till Colloid 70	101 1011100	0 1111100	141 1411100	0 1111100
0.01		0.01	0.11%				
				0.48			
0.02		0.02	0.21%				
				0.22			
0.03	0.00	0.03	0.32%	0.70	0.00	0.00	0.00
Overall Unit Rating	Total Unit Miles						
Α	4.64						
	Maintena	nce Deficiency		Enforc	ement		
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
				0.48			
0.02		0.02	0.43%				
ı		T					
0.02	0.00	0.02	0.43%	0.60	0.00	0.00	0.00
	T-0-111-20						
Overall Unit Rating	Total Unit Miles						
Rating	Miles 4.88	nce Deficiency		Enforc	ement	Design 8	& System
Rating	Miles 4.88	nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles		Design 8 Obsole	scence
Rating A	Miles 4.88 Maintena	, ,	Threshold %			Obsole	scence
Rating A	Miles 4.88 Maintena	, ,	Threshold % 0.21%			Obsole	scence
Rating A M Miles	Miles 4.88 Maintena	M + 4U Miles				Obsole	scence
	Rating M  M Miles  0.30  0.30  Overall LMA Rating A  M Miles  0.01  0.02  0.03  Overall Unit Rating A  M Miles	Rating Miles  M 2.95  Maintena M Miles U Miles  0.30  0.30 0.00  Overall LMA Rating A 9.53  Maintena M Miles U Miles  0.01  0.02  0.03 0.00  Overall Unit Rating A 4.64  Maintena M Miles U Miles  A U Miles	Name	Name	Rating   Miles   M	Rating Miles         Miles         Miles         Miles         Miles         Miles         Enforcement           M Miles         U Miles         M + 4U Miles         Threshold %         M Miles         U Miles           0.30         0.00         0.30         10.16%         0.04         0.03           0.30         0.00         0.30         10.16%         0.04         0.03           0.30         0.00         0.30         10.16%         0.04         0.03           0.02         0.11         0.04         0.03         0.03         0.04         0.03           0.01         0.01         0.01         0.11%         M Miles         U Miles         U Miles           0.02         0.03         0.00         0.03         0.32%         0.70         0.00           0.02         0.03         0.00         0.03         0.32%         0.70         0.00           0.02         0.03         0.03         0.48         0.48         0.48         0.48           0.02         0.02         0.02         0.43%         0.48         0.02	Rating Miles         M 2.95           Maintenance Deficiency         Enforcement Design & Obsole M Miles         Design & Obsole M Miles         U Miles M Miles         M Miles M Miles         Design & Obsole M M Miles         U Miles M Miles           0.30         0.00         0.30         10.16%         0.04         0.03         0.00           0.30         0.00         0.30         10.16%         0.04         0.03         0.00           0.30         0.00         0.30         10.16%         0.04         0.03         0.00           0.02         Maintenance Deficiency         Enforcement Obsole         Design & Obsole         M Miles         U Miles M Miles           0.01         0.01         0.11%         0.48         0.22         0.00         0.00           0.02         0.03         0.03         0.32%         0.70         0.00         0.00           Overall Unit Rating Miles         M Ales         M Miles         M Miles         M Miles         M Miles         M Miles         M Miles         M Miles

Unit Totals:

0.01

0.00

0.01

0.21%

0.10

0.00

0.00

0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2104	Overall LMA	Total LMA						
Reclamation District No. 2104 Peters	Rating	Miles						
Pocket Tract	U	6.85						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	shold % M Miles U Miles		M Miles	U Miles
Earthen Levee								
Vegetation	4.14	0.04	4.30	62.79%				
Encroachments	0.02		0.02	0.29%				
Slope Stability	0.02	0.01	0.06	0.88%				
Erosion / Bank Caving	0.10		0.10	1.46%				
Crown Surface / Depressions / Rutting	2.52		2.52	36.80%				
Flood Preparedness & Training	0.07		0.07	1.02%				
Supplemental								
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility								
LMA Totals:	6.87	0.05	7.07	103.24%	0.07	0.00	0.00	0.00

ST0001 Sacramento Maintenance Yard Cache	Overall LMA Rating	Total LMA Miles						
Creek	Α	25.43						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		,						
Vegetation	0.02		0.02	0.08%	0.19	0.08		
Encroachments	0.05		0.05	0.20%	1.82	0.07		
Animal Control	0.02		0.02	0.08%				
Supplemental								
DWR UCIP Field Study					0.07			
2017 Storm Damage	0.01		0.01	0.04%				
LMA Totals:	0.10	0.00	0.10	0.39%	2.08	0.15	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 North Levee LB	Overall Unit	Total Unit						
	Rating	Miles						
ST0001	A	11.69						_
Dated Item		Maintena	nce Deficiency		Enford	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee				2.222			ı	
Vegetation	0.01		0.01	0.09%	0.09	0.08		
Encroachments	0.03		0.03	0.26%	1.16	0.07		
Animal Control	0.01		0.01	0.09%				
Supplemental DWD LICID Field Study					0.07	l	l	
DWR UCIP Field Study	0.05	0.00	0.05	0.400/	0.07	0.45	0.00	0.00
Unit Totals:	0.05	0.00	0.05	0.43%	1.32	0.15	0.00	0.00
Unit No. 02 South Levee RB	Overall Unit	Total Unit						
	Rating	Miles						
ST0001	Α	11.48					1	
Data diliana		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Earthen Levee								
Vegetation	0.01		0.01	0.09%	0.10			
Encroachments	0.02		0.02	0.17%	0.66			
Animal Control	0.01		0.01	0.09%				
Unit Totals:	0.04	0.00	0.04	0.35%	0.76	0.00	0.00	0.00
Unit No. 04 East Training Levee of	Overall Unit	Total Unit						
Cache Creek Settling Basin LB	Rating	Miles						
ST0001	A	2.26						
		Maintena	nce Deficiency		Enforc	Enforcement Design & Sys		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile
Supplemental								
2017 Storm Damage	0.01		0.01	0.44%				
Unit Totals:	0.01	0.00	0.01	0.44%	0.00	0.00	0.00	0.00
					•			
ST0002	Overall LMA	Total LMA Miles		Threshold Perce				
			however, U	Rated Miles are p	resent, so	the Overall	LMA	
	Rating							
	M *	21.68	Rating is M				Design 8	System
Sutter Bypass	M *	21.68 Maintena	Rating is M	instead of A.	Enforc	cement		System scence
Sutter Bypass  Rated Item		21.68	Rating is M		Enforce M Miles	1		scence
Sutter Bypass  Rated Item  Earthen Levee	M *	21.68 Maintena	Rating is M Ince Deficiency  M + 4U Miles	Threshold %		U Miles	Obsole	scence
Rated Item  Earthen Levee  Encroachments	M *  M Miles	21.68 Maintena	Rating is M Ince Deficiency  M + 4U Miles  0.02	Threshold %		1	Obsole	scence
Rated Item  Earthen Levee  Encroachments Slope Stability	M *  M Miles  0.02  0.04	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04	Threshold %  0.09%  0.19%		U Miles	Obsole	scence
Rated Item  Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving	M *  M Miles	21.68 Maintena	Rating is M Ince Deficiency  M + 4U Miles  0.02	Threshold %		U Miles	Obsole M Miles	scence
Rated Item  Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving Cracking	M *  M Miles  0.02  0.04	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04	Threshold %  0.09%  0.19%		U Miles	Obsole	scence
Rated Item  Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving Cracking Supplemental	M *  M Miles  0.02 0.04 0.01	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04 0.13	Threshold %  0.09%  0.19%  0.60%		U Miles	Obsole M Miles	scence
Rated Item  Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving Cracking  Supplemental 2017 USACE Erosion Survey, DRAFT	M *  M Miles  0.02  0.04	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04	Threshold %  0.09%  0.19%	M Miles	U Miles	Obsole M Miles	scence
Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving Cracking Supplemental 2017 USACE Erosion Survey, DRAFT DWR UCIP Field Study	M *  M Miles  0.02 0.04 0.01	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04 0.13	Threshold %  0.09%  0.19%  0.60%		U Miles	Obsole M Miles	
Rated Item  Earthen Levee  Encroachments Slope Stability Erosion / Bank Caving Cracking  Supplemental 2017 USACE Erosion Survey, DRAFT	M *  M Miles  0.02 0.04 0.01	21.68  Maintena  U Miles	Rating is M Ince Deficiency M + 4U Miles  0.02 0.04 0.13	Threshold %  0.09%  0.19%  0.60%	M Miles	U Miles	Obsole M Miles	scence

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0003	Overall LMA	Total LMA						
Sutter Maintenance Yard East Levee	Rating	Miles						
Sacramento River	Α	26.82						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	M Miles U Miles		U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.22%				
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.16		0.16	0.60%	1.91	0.06		
Slope Stability	0.09		0.09	0.34%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.40		0.40	1.49%				
DWR UCIP Field Study					0.36	0.05		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.03		0.03	0.11%				
LMA Totals:	0.75	0.00	0.75	2.80%	2.27	0.11	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
ST0003	A	19.85						
		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee				2.4=0/		I	I	
Vegetation	0.03		0.03	0.15%				
Trim / Thin Trees	0.01		0.01	0.05%	4.04	0.00		
Encroachments Slane Stability	0.16		0.16	0.81%	1.31	0.06		
Slope Stability Supplemental	0.09		0.09	0.45%				
2017 USACE Erosion Survey, DRAFT	0.40		0.40	2.02%				
DWR UCIP Field Study					0.35	0.05		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.03		0.03	0.15%				
Unit Totals:	0.72	0.00	0.72	3.63%	1.66	0.11	0.00	0.00
Unit No. 02 Colusa Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0003	A	2.20						
		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.46%				
Supplemental  DWR UCIP Field Study					0.01			
Unit Totals:	0.01	0.00	0.01	0.46%	0.01	0.00	0.00	0.00
			0.01	0.4070	0.01	0.00	0.00	0.00
Unit No. 03 Colusa Bypass LB	Overall Unit Rating	Total Unit Miles						
0.70000	A	2.29						
ST0003			nas Deficiency		Enforce			k System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	U Milles	IVI + 40 IVIIIeS	Tilleshold %	IVI IVIIIES	U ivilles	IVI IVIIIeS	U Milles
Vegetation	0.02		0.02	0.87%				
Unit Totals:	0.02	0.00	0.02	0.87%	0.00	0.00	0.00	0.00
Unit No. 04 Moulton Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0003	A	0.30						
			nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 05 Moulton Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	2.19						
		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.60			
Unit Totals:	0.00	0.00	0.00	0.00%	0.60	0.00	0.00	0.00

### Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0004	Overall LMA	Total LMA						
Sacramento Maintenance Yard East	Rating	Miles						
Levee Yolo Bypass	Α	2.01						
Rated Item		Maintena	nce Deficiency		Enforcement Design & Sys Obsolescen			
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.14			
LMA Totals:	0.00	0.00	0.00	0.00%	0.14	0.00	0.00	0.00
OTOGOE	0	T						

ST0005 Sutter Maintenance Yard Hamilton Bend	Overall LMA Rating	Total LMA Miles						
	U	3.39						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.50	1.13	5.02	147.89%				
Trim / Thin Trees	0.04	2.28	9.16	269.85%				
Supplemental								
DWR UCIP Field Study					0.02			
LMA Totals:	0.54	3.41	14.18	417.73%	0.02	0.00	0.00	0.00

ST0006 Sutter Maintenance Yard Nelson Bend	Overall LMA Rating	Total LMA Miles						
	U	0.50						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06	0.84	3.42	687.99%				
Trim / Thin Trees		0.74	2.96	595.45%				
Encroachments						0.08		
LMA Totals:	0.06	1.58	6.38	1283.44%	0.00	0.08	0.00	0.00

ST0007 Sacramento Maintenance Yard Putah	Overall LMA Rating	Total LMA Miles	however, U Rated Miles are present, so the Overall LMA					
Creek	M *	15.98	Rating is M instead of A.					
Rated Item	Maintenance Deficiency				Enforc	Enforcement		k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	reshold % M Miles U Mile			U Miles
Earthen Levee								
Vegetation	0.31	0.01	0.35	2.19%	0.16			
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments					2.36	0.42		
Animal Control		0.01	0.04	0.25%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	0.05		0.05	0.31%				
DWR UCIP Field Study					0.17			
DWR UCIP LMA Responsibility								
LMA Totals:	0.38	0.02	0.46	2.88% *	2.69	0.42	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	Total Unit						
A				1		Design 8	& System
		,				Obsole	scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
0.20	<u> </u>	0.20	2.200/				
0.01		0.01	0.11%	0.47			
				2.17			
0.05		0.05	0.57%				
0.00		0.00	0.0770	0.08			
				0.00			
0.35	0.00	0.35	3 98%	2 25	0.00	0.00	0.00
0.55	0.00	0.33	3.90 /6	2.20	0.00	0.00	0.00
Overall Unit	Total Unit	* Overall Unit	Threshold Percer	nt is less tha	an 10.00%	however,	
5				the Overal	l Unit Ratir	ng is M	
M *	7.20	Instead of A.	•				
	Maintena	nce Deficiency		Enforc	ement		& System scence
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
	T						
0.02	0.01	0.06	0.83%				
				0.19	0.42		
	0.01	0.04	0.56%				
0.01		0.01	0.14%				
	T	I					
				0.09			
0.03	0.02	0.11	1.53% *	0.44	0.42	0.00	0.00
Overell I MA	Total I MA						
-		-					
		D-fi-i					& System
NA NAHAR	1		Three hold 0/				
IVI IVIIIes	U Miles	IVI + 4U IVIIIeS	Threshold %	IVI IVIIIes	U Miles	IVI IVIIIes	U Miles
				0.01			
		0.01	0.28%	0.01			
0.01							
0.01		0.01	0.2070				
0.01		0.01	0.2070	0.02			
	M *  M Miles	Rating   Miles   A   8.79     Maintena   M Miles   U Miles     0.29   0.01     0.05     0.35   0.00     Overall Unit Rating   M *   7.20     Maintena   M Miles   U Miles     0.02   0.01     0.01   0.01     0.03   0.02     Overall LMA Rating   A   3.52     Maintena   M Miles   M Miles   M Miles     A   3.52   Maintena   M Miles     Maintena   M Miles   M Miles   M Miles     A   3.52   Maintena   M Miles     Maintena   M Miles   M Miles   M Miles     A   3.52   Maintena   M Miles   M Miles     A   Miles   M Miles   M Miles   M Miles   M Miles     A   M Miles   M Miles   M Miles   M Miles   M Miles     A   M Miles   M Miles   M Miles   M Miles   M Miles   M Miles     A   M Miles   M M M M M M M M M M M M M M M M M M	Rating   Miles   A   8.79	Rating   Miles   A   8.79	Rating   Miles   8.79	Rating   Miles   A   8.79	Rating   Miles   A   8.79

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento Bypass or North Levee RB	Overall Unit Rating	Total Unit Miles						
ST0008	Α	1.74						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.01			
Supplemental	1	1		l				
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.03	0.00	0.00	0.00
Unit No. 02 Sacramento Bypass or South Levee LB	Overall Unit Rating	Total Unit Miles						
ST0008	Α	1.79						
B		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.56%				
Unit Totals:	0.01	0.00	0.01	0.56%	0.00	0.00	0.00	0.00
ST0009	Overall LMA	Total LMA	d. O !! / MA	Threshold Perce		40 000	٠.	
Sutter Maintenance Yard Tisdale	Rating	Miles		Rated Miles are p				
Bypass	M *	8.94		instead of A.				
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.11%	2.07			
Animal Control		0.01	0.04	0.45%				
Erosion / Bank Caving	0.04		0.04	0.45%				
Supplemental								
DWR UCIP Field Study					0.04	0.01		
LMA Totals:	0.05	0.01	0.09	1.01% *	2.11	0.01	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Tisdale Bypass LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
070000	M *	4.51	instead of A.		the Overal	i Oriit i tatii	ig is ivi	
ST0009	IVI		nce Deficiency		Enforc	ement	Design &	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments	0.01		0.01	0.22%	1.92			
Animal Control		0.01	0.04	0.89%				
Supplemental								
DWR UCIP Field Study					0.03			
Unit Totals:	0.01	0.01	0.05	1.11% *	1.95	0.00	0.00	0.00
Unit No. 02 Tisdale Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0009	Α	4.43						
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	1
Earthen Levee								
Encroachments					0.15			
Erosion / Bank Caving	0.04		0.04	0.90%				
Supplemental	I						ı	
DWR UCIP Field Study					0.01	0.01		
Unit Totals:	0.04	0.00	0.04	0.90%	0.16	0.01	0.00	0.00
ST0010	Overall LMA	Total LMA						
Sutter Maintenance Yard Wadsworth	Rating	Miles						
Canal	U	9.22						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.04	0.01	0.08	0.87%				
Slope Stability	0.02		0.02	0.22%				
Erosion / Bank Caving	0.01	0.02	0.09	0.98%				
Cracking							0.01	
Supplemental								
2017 USACE Erosion Survey, DRAFT	5.58		5.58	60.49%				
DWR UCIP Field Study					0.11	0.02		
LMA Totals:	5.65	0.03	5.77	62.55%	0.11	0.02	0.01	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Wadsworth Canal LB	Overall Unit Rating	Total Unit Miles						
ST0010	U	4.63						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.22%				
Erosion / Bank Caving	0.01	0.02	0.09	1.95%				
Supplemental								
2017 USACE Erosion Survey, DRAFT	2.80		2.80	60.53%				
DWR UCIP Field Study					0.06			
Unit Totals:	2.82	0.02	2.90	62.69%	0.06	0.00	0.00	0.00

Unit No. 02 Wadsworth Canal RB	Overall Unit Rating	Total Unit Miles						
ST0010	U	4.60						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.03	0.01	0.07	1.52%				
Slope Stability	0.02		0.02	0.44%				
Cracking							0.01	
Supplemental								
2017 USACE Erosion Survey, DRAFT	2.78		2.78	60.46%				
DWR UCIP Field Study					0.05	0.02		
Unit Totals:	2.83	0.01	2.87	62.42%	0.05	0.02	0.01	0.00

ST0011 Sacramento Maintenance Yard West	Overall LMA Rating	Total LMA Miles						
Levee Yolo Bypass	A	9.01						
Dated Itam		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.11%	5.32			
Erosion / Bank Caving	0.01		0.01	0.11%				
Supplemental								
DWR UCIP Field Study					0.08			
LMA Totals:	0.02	0.00	0.02	0.22%	5.40	0.00	0.00	0.00

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 West Levee RB	Overall Unit	Total Unit						
	Rating	Miles						
ST0011	Α	2.73			1		Design 9	Custom
Rated Item		Maintena	nce Deficiency		Enforc	cement		& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments	0.01		0.01	0.37%	2.50			
Unit Totals:	0.01	0.00	0.01	0.37%	2.50	0.00	0.00	0.00
Unit No. 02 West Levee RB	Overall Unit Rating	Total Unit Miles			_			
ST0011	A	1.52						
Dated Here		Maintena	nce Deficiency		Enforc	cement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T			0.00	I		
Encroachments	0.00	0.00	2.22	0.000/	0.93	0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.93	0.00	0.00	0.00
Unit No. 03 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0011	Α	1.15					Danier 6	0
Rated Item			nce Deficiency			cement	Obsole	& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental  DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 04 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0011	Α	3.61						
		Maintenance Deficiency			Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1		
Encroachments					1.89			
Erosion / Bank Caving Supplemental	0.01		0.01	0.28%				
DWR UCIP Field Study					0.07			
Unit Totals:	0.01	0.00	0.01	0.28%	1.96	0.00	0.00	0.00
ST0012	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard Willow Slough Bypass	A	12.51						
olough Dypuoo		12.01					Design 8	& System
		Maintona	nco Deficiency		Enforcement		Obsolescence	
Rated Item			nce Deficiency M + 411 Miles	Threshold %				
	M Miles	Maintena U Miles	mce Deficiency M + 4U Miles	Threshold %		U Miles	Obsole M Miles	U Miles
Rated Item  Earthen Levee  Encroachments								
Rated Item  Earthen Levee  Encroachments  Animal Control	M Miles		M + 4U Miles  0.01	0.08%	M Miles			
Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability	M Miles		M + 4U Miles	0.08%	M Miles			
Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving	M Miles		M + 4U Miles  0.01	0.08%	M Miles			
Rated Item  Earthen Levee  Encroachments  Animal Control  Slope Stability  Erosion / Bank Caving  Supplemental	M Miles  0.01 0.01		M + 4U Miles  0.01 0.01	0.08%	M Miles			
Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving  Supplemental  DWR UCIP Field Study	M Miles  0.01 0.01		M + 4U Miles  0.01 0.01	0.08%	M Miles			
Rated Item  Earthen Levee  Encroachments  Animal Control  Slope Stability  Erosion / Bank Caving  Supplemental	M Miles  0.01 0.01		M + 4U Miles  0.01 0.01	0.08%	M Miles			

### Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Design & System Obsolescence Miles U Mile		
Obsolescence		
Obsolescence		
Miles U Mile		
.00 0.00		
Design & System Obsolescence		
Miles U Mile		
.00 0.00		
Design & System Obsolescence		
Miles U Mile		
.00 0.00		
Design & System Obsolescence		
Miles U Mile		
)   N		

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 01 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0020	U	1.75						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation					0.02			
Trim / Thin Trees	0.49		0.49	28.07%				
Encroachments					0.15			
Erosion / Bank Caving	0.02	0.03	0.14	8.02%				
Supplemental								
DWR UCIP Field Study					0.03			
Unit Totals:	0.51	0.03	0.63	36.09%	0.20	0.00	0.00	0.00
Unit No. 02 East Levee LB	Overall Unit Rating	Total Unit Miles						
ST0020	U	3.05						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item								
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	M Miles	U Miles	M + 4U Miles 0.37	Threshold % 12.15%	M Miles	U Miles	M Miles	U Miles
		U Miles			M Miles	U Miles	M Miles	U Miles
Vegetation	0.37	U Miles	0.37	12.15%	M Miles	U Miles	M Miles	U Miles
Vegetation Trim / Thin Trees	0.37 0.01	U Miles	0.37 0.01	12.15% 0.33%		U Miles	M Miles	U Miles
Vegetation Trim / Thin Trees Encroachments	0.37 0.01 0.01	U Miles	0.37 0.01 0.01	12.15% 0.33% 0.33%		U Miles	M Miles	U Miles
Vegetation Trim / Thin Trees Encroachments Erosion / Bank Caving	0.37 0.01 0.01	U Miles	0.37 0.01 0.01	12.15% 0.33% 0.33%		U Miles	M Miles	U Miles
Vegetation Trim / Thin Trees Encroachments Erosion / Bank Caving Supplemental	0.37 0.01 0.01	U Miles	0.37 0.01 0.01	12.15% 0.33% 0.33%	0.43	U Miles	M Miles	U Mile:

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin

NA0010	Overall LMA	Total LMA							
Lower San Joaquin Levee District	Rating	Miles							
	U	191.27							
Rated Item		Maintena	nce Deficiency		Enforc	ement		Design & System Obsolescence	
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	51.74	92.22	420.62	219.90%					
Trim / Thin Trees	0.39		0.39	0.20%					
Encroachments	0.27	0.01	0.31	0.16%	4.58	1.01			
Animal Control	4.48	0.38	6.00	3.14%					
Slope Stability	1.71		1.71	0.89%					
Erosion / Bank Caving	1.84	0.32	3.12	1.63%					
Crown Surface / Depressions / Rutting	18.12		18.12	9.47%					
Repair Gates	0.01		0.01	0.01%					
Supplemental									
DWR Erosion Survey	0.01		0.01	0.01%					
DWR UCIP Field Study					0.67	0.03			
DWR UCIP LMA Responsibility									
LMA Totals:	78.57	92.93	450.29	235.42%	5.25	1.04	0.00	0.00	

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

an Joaquin River Basin (conc.)		I =						
Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	22.52						
		Maintena	nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T				1		
Vegetation	2.09	1.83	9.41	41.79%				
Encroachments					0.69	0.57		
Animal Control	0.48	0.04	0.64	2.84%				
Slope Stability	0.04		0.04	0.18%				
DWR UCIP Field Study	I	l			0.12	0.01		
DWR UCIP LMA Responsibility					0.12	0.01		
Unit Totals:	2.64	1.87	10.00	44 040/	0.04	0.50	0.00	0.00
Unit Totals:	2.61	1.87	10.09	44.81%	0.81	0.58	0.00	0.00
Unit No. 02A San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0040	U	7.87						
NA0010			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee		000		71110011010 70		000		•
Vegetation	1.88	0.17	2.56	32.53%				
Encroachments					0.01			
Animal Control	0.01		0.01	0.13%				
Erosion / Bank Caving		0.19	0.76	9.66%				
Crown Surface / Depressions / Rutting	0.24		0.24	3.05%				
Supplemental		I	T			ı		
DWR UCIP LMA Responsibility								
Unit Totals:	2.13	0.36	3.57	45.36%	0.01	0.00	0.00	0.00
Unit No. 02B San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	5.92						
Data di Itana		Maintena	nce Deficiency		Enford	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I				1		
Vegetation	0.24	0.11	0.68	11.49%				
Trim / Thin Trees	0.01		0.01	0.17%				
Encroachments	0.02		0.02	0.34%				
Animal Control	0.01		0.01	0.17%				
Erosion / Bank Caving	0.01	0.01	0.05	0.84%				
Crown Surface / Depressions / Rutting	1.09		1.09	18.41%				
Supplemental DWP LICID Field Study					0.01			
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility  Unit Totals:	1 20	0.42	1 06	21 //20/	0.01	0.00	0.00	0.00
Unit Totals:	1.38	0.12	1.86	31.42%	0.01	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 03 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	2.10						
INAUUTU			nce Deficiency		Enforc	ement	Design 8	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee	IVI IVIIIOO	0 1111100	W 1 10 Willion	Till Colloid 70	101 1011100	0 1111100	141 1411100	0 1111100
Vegetation	0.73	1.12	5.21	248.66%				
Encroachments					0.16	0.03		
Animal Control	0.04		0.04	1.91%				
Slope Stability	0.01		0.01	0.48%				
Supplemental	T	T	T			ı	ı	
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.78	1.12	5.26	251.05%	0.17	0.03	0.00	0.00
Unit No. 04 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	M	1.41						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.24		0.24	17.05%				
Encroachments					1.09			
Animal Control	0.02		0.02	1.42%				
Supplemental DWD LICID Field Study	T		 		0.05			
DWR UCIP Field Study  DWR UCIP LMA Responsibility					0.05			
Unit Totals:	0.26	0.00	0.26	18.47%	1.14	0.00	0.00	0.00
Unit rotals.	0.20	0.00	0.26	10.47 %	1.14	0.00	0.00	0.00
Unit No. 05 East Side Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	34.85						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	k System scence
Nated Rem	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	8.43	7.46	38.27	109.80%		Ι		
Trim / Thin Trees	0.43	7.40	0.32	0.92%				
Encroachments	0.32		0.32	0.55%	1.55	0.01		
Animal Control	1.35	0.06	1.59	4.56%	1.55	0.01		
Slope Stability	0.20	0.00	0.20	0.57%				
Erosion / Bank Caving	0.14		0.14	0.40%				
Crown Surface / Depressions / Rutting	9.47		9.47	27.17%				
Repair Gates	0.01		0.01	0.03%				
Supplemental	0.01		3.51	0.0070				
DWR Erosion Survey	0.01		0.01	0.03%				
DWR UCIP Field Study					0.08	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	20.12	7.52	50.20	144.03%	1.63	0.02	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

, ,								
Unit No. 06 East Side Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	36.47			Г		Design 8	System
Rated Item		1	nce Deficiency			cement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	12.07	1 50	20.20	55.63%				
Vegetation	13.97	1.58	20.29					
Trim / Thin Trees	0.01		0.01	0.03%	0.00	0.00		
Encroachments	0.04	0.00	0.00	0.440/	0.03	0.36		
Animal Control	0.64	0.06	0.88	2.41%				
Slope Stability	1.15		1.15	3.15%				
Erosion / Bank Caving	0.63		0.63	1.73%				
Crown Surface / Depressions / Rutting	4.56		4.56	12.50%				
Supplemental  DWR UCIP Field Study					0.17	0.01		
DWR UCIP LMA Responsibility					0.17	0.01		
Unit Totals:	20.06	1.64	27.52	75 469/	0.20	0.27	0.00	0.00
Unit Totals.	20.96	1.04	27.52	75.46%	0.20	0.37	0.00	0.00
Unit No. 07 Bear Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	3.62						
		Maintena	nce Deficiency		Enforc	cement	Design & Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		l				-		
Animal Control	0.30		0.30	8.30%				
Slope Stability	0.04		0.04	1.11%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.28%				
Supplemental		<b>'</b>						
DWR UCIP LMA Responsibility								
Unit Totals:	0.35	0.00	0.35	9.68%	0.00	0.00	0.00	0.00
Unit No. 08 Bear Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	A	3.63						
NACOTO			nce Deficiency		Enforc	cement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O Miles	IVI IVIIIES	O Miles
Animal Control	0.19		0.19	5.23%				
Slope Stability	0.01		0.01	0.28%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.28%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.21	0.00	0.21	5.79%	0.00	0.00	0.00	0.00
	0	Table		l				
Unit No. 09 Owens Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
		0.87						
NA0010	A		5.6		l		Design 8	System
Rated Item			nce Deficiency	- ,		cement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Slope Stability	0.01		0.01	1.14%				
Supplemental	0.01		0.01	1.1470				
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	1.14%	0.00	0.00	0.00	0.00
C.m. Totale:	•.	00	1			0.00		

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	0 "11"	T 4 111 2						
Unit No. 10 Owens Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	0.80						_
Date d Mana		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental		I	ı				T	
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00
Unit No. 11 Mariposa Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	3.31						
5		Maintena	nce Deficiency		Enforc	ement	Design 8	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.30%				
Slope Stability	0.04		0.04	1.21%				
Supplemental Supplemental	1	<b>I</b>	1				I	
DWR UCIP LMA Responsibility	0.05	0.00	0.05	4.540/	0.00	0.00	0.00	0.00
Unit Totals:	0.05	0.00	0.05	1.51%	0.00	0.00	0.00	0.00
Unit No. 12 Mariposa Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	M	3.33						
D		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.40		0.40	12.00%				
Animal Control	0.01		0.01	0.30%				
Slope Stability	0.01		0.01	0.30%				
Supplemental Charles Study	1				0.04			
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility	0.40	0.00	0.40	40.000/	0.04	0.00	0.00	0.00
Unit Totals:	0.42	0.00	0.42	12.60%	0.01	0.00	0.00	0.00
Unit No. 13 Ash Slough RB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	1.27						
Data d Harr		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee								
Encroachments					0.03	0.01		
Animal Control	0.02		0.02	1.58%				
Supplemental DNA Doorsoo ikilita								
DWR UCIP LMA Responsibility	0.00	0.00	0.00	4 500/	0.00	0.04	0.00	0.00
Unit Totals:	0.02	0.00	0.02	1.58%	0.03	0.01	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 14 Ash Slough LB	Overall Unit	Total Unit						
ome to: 14 Ash Glough EB	Rating	Miles						
NA0010	A	1.28						
B		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		I				I	I	
Encroachments				2.224	0.02			
Animal Control	0.03		0.03	2.35%				
DWR UCIP Field Study					0.01			
Unit Totals:	0.03	0.00	0.03	2.35%	0.03	0.00	0.00	0.00
					1			
Unit No. 15 Berenda Slough RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	2.03						
INACCIO			nce Deficiency		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles		U Miles
Earthen Levee	W WIICS	O WIIICS	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O WIIICS
Vegetation	1.43	3.09	13.79	678.99%				
Encroachments	0.01		0.01	0.49%				
Animal Control	0.43		0.43	21.17%				
Crown Surface / Depressions / Rutting	1.98		1.98	97.49%				
Supplemental						I	I	
DWR UCIP LMA Responsibility								
Unit Totals:	3.85	3.09	16.21	798.14%	0.00	0.00	0.00	0.00
Unit No. 16 Berenda Slough LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	1.96						
<b>5</b>		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee		 						
Vegetation		4.43	17.72	903.02%				
Animal Control	0.03	0.01	0.07	3.57%				
Supplemental  DWR UCIP LMA Responsibility	I							
Unit Totals:	0.03	4.44	17.79	906.58%	0.00	0.00	0.00	0.00
	0.00			000.0070	0.00	0.00	0.00	0.00
Unit No. 17 Chowchilla Canal Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	16.09						0.00
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	4.00	20.00	447.04	707.000/				
Vegetation Encroachments	4.68	28.09	117.04	727.36%	0.01			
Animal Control	0.60	0.01	0.64	2 000/	0.01			
Slope Stability	0.60	0.01	0.64 0.01	3.98% 0.06%				
Supplemental	0.01		0.01	0.00%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	5.29	28.10	117.69	731.40%	0.03	0.00	0.00	0.00
Unit Totals.	0.20	20.10	117.03		0.00		0.00	

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 18 Chowchilla Canal Bypass	Overall Unit	Total Unit						
LB	Rating	Miles						
NA0010	U	15.35			1		Danier 6	0
Rated Item		Maintena	nce Deficiency		Enforc	cement	Obsole	k System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			T ==	I .=				
Vegetation	9.38	15.70	72.18	470.18%				
Trim / Thin Trees	0.01		0.01	0.07%				
Encroachments	0.01		0.01	0.07%	0.01			
Animal Control	0.14	0.18	0.86	5.60%				
Supplemental Supplemental	I		I	I	0.04	I	I	
DWR UCIP Field Study				.==	0.04			
Unit Totals:	9.54	15.88	73.06	475.91%	0.05	0.00	0.00	0.00
Unit No. 22A East Side Canal LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	5.51						
		Maintena	nce Deficiency		Enforc	cement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.53	0.10	0.93	16.89%				
Encroachments	0.02		0.02	0.36%	0.86			
Animal Control	0.03		0.03	0.55%				
Slope Stability	0.09		0.09	1.64%				
Erosion / Bank Caving	1.06	0.12	1.54	27.97%				
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
Unit Totals:	1.73	0.22	2.61	47.41%	0.89	0.00	0.00	0.00
Unit No. 23 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
	U	10.24	-					
NA0010	0						Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vogatation	1.20	15.59	63.56	620 500/		1	1	
Vegetation Trim / Thin Trees	1.20	10.09		620.59%				
	0.04	0.04	0.04	0.39%		0.00		
Encroachments	0.01	0.01	0.05	0.49%		0.02		
Animal Control	0.08	0.02	0.16	1.56%				
Slope Stability	0.07		0.07	0.68%				
Supplemental DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility					0.00			
Unit Totals:	1.40	15.62	63.88	623.71%	0.06	0.02	0.00	0.00
Offit Totals.	1.40	13.02	03.00	023.11/0	0.00	0.02	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

Unit No. 24 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	8.36						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		<u> </u>						
Vegetation	2.28	10.26	43.32	518.36%				
Encroachments	0.01		0.01	0.12%	0.12	0.01		
Animal Control	0.06		0.06	0.72%				
Slope Stability	0.03		0.03	0.36%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.12%				
Supplemental		I	ı			T		
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
Unit Totals:	2.39	10.26	43.43	519.67%	0.18	0.01	0.00	0.00
Unit No. 25 Salt Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	2.49						
D		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		ı	ı					
Vegetation	4.26	2.69	15.02	604.29%				
Crown Surface / Depressions / Rutting	0.75		0.75	30.17%				
DWR UCIP LMA Responsibility								
Unit Totals:	5.01	2.69	15.77	634.46%	0.00	0.00	0.00	0.00
Unit rotals.	5.01	2.09	15.77	034.40%	0.00	0.00	0.00	0.00
NA0011	Overall LMA	Total LMA						
Madera County FCWCA	Rating	Miles						
	U	26.32						
Data d Have		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00	00.04	4.45.00	554 740/		0.00	1	
Vegetation	9.98	33.81	145.22	551.71%		0.08		
Trim / Thin Trees	0.22	0.09	0.58	2.20%				
Encroachments	0.24	0.67	2.92	11.09%	6.40	0.53		
Animal Control	21.04	5.41	42.68	162.15%				
Slope Stability	0.99	0.98	4.91	18.65%				
Erosion / Bank Caving	0.03	0.03	0.15	0.57%				
Crown Surface / Depressions / Rutting	17.00		17.00	64.59%				
Flood Preparedness & Training	0.26		0.26	0.99%				
Rivers, Channels & Designated Floodways	0.04	I	0.04	0.040/				
Encroachments	0.01		0.01	0.04%				
Supplemental  DWR Erosion Survey		0.08	0.32	1.22%				
DVIN LIOSION Survey		0.00	0.02	1.22/0				

DWR UCIP Field Study

LMA Totals:

49.77

41.07

214.05

0.00

0.20

6.60

813.20%

0.03

0.64

0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

an Joaquin River Basin (cont.)	1		I					
Unit No. 01 Ash Slough RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	2.37						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	ı	T	I			T		
Vegetation	0.21	1.73	7.13	301.45%				
Encroachments	0.07		0.07	2.96%	0.02	0.11		
Animal Control	2.25		2.25	95.13%				
Slope Stability	0.89	0.01	0.93	39.32%				
Erosion / Bank Caving	0.01		0.01	0.42%				
Crown Surface / Depressions / Rutting	2.25		2.25	95.13%				
Supplemental	T	T	I				ı	ı
DWR UCIP Field Study		. = .			0.04	0.01		
Unit Totals:	5.68	1.74	12.64	534.41%	0.06	0.12	0.00	0.00
Unit No. 02 Ash Slough LB	Overall Unit Rating	Total Unit Miles						
	U	2.04						
NA0011	U		nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIICS	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O ivilles	IVI IVIIICS	O ivilles
Vegetation	0.65	2.15	9.25	454.44%		0.07		
Trim / Thin Trees	0.14		0.14	6.88%				
Encroachments	0.03	0.63	2.55	125.28%	0.20	0.09		
Animal Control	1.63	1.67	8.31	408.26%				
Slope Stability	0.01		0.01	0.49%				
Crown Surface / Depressions / Rutting	1.96		1.96	96.29%				
Supplemental								
DWR Erosion Survey		0.08	0.32	15.72%				
DWR UCIP Field Study					0.06			
Unit Totals:	4.42	4.53	22.54	1107.35%	0.26	0.16	0.00	0.00
Unit No. 03 Berenda Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0011	U	1.51					Design 8	& System
Rated Item	NA NATI	1	nce Deficiency	Th l l. d. 0/		ement	Obsole	scence
Forther Loves	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	1.46	3.02	13.54	894.85%				
Trim / Thin Trees	0.05	0.07	0.33	21.81%				
Encroachments	0.02	0.02	0.10	6.61%				
Animal Control	1.60	1.12	6.08	401.82%				
Slope Stability	0.01	1.12	0.00	0.66%				
Crown Surface / Depressions / Rutting	1.43		1.43	94.51%				
Supplemental	1.70		1.40	J-1.5170				
DWR UCIP Field Study					0.02			
Unit Totals:	4.57	4.23	21.49	1420.25%	0.02	0.00	0.00	0.00
	l	1	1					

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Berenda Slough LB	Overall Unit	Total Unit						
Offit No. 04 Berenda Slough LB	Rating	Miles						
NA0011	U	2.28						
10/10011			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	W WIICS	O IVIIICS	IVI 1 40 IVIIIC3	THICSHOID 70	IVI IVIIIC3	O WIIICS	IVI IVIIICS	O IVIIICS
Vegetation	0.01	4.42	17.69	775.96%				
Trim / Thin Trees	0.03	0.02	0.11	4.83%				
Encroachments	0.04	0.01	0.08	3.51%	0.80	0.01		
Animal Control	0.05	2.38	9.57	419.78%				
Slope Stability		0.95	3.80	166.69%				
Erosion / Bank Caving		0.01	0.04	1.75%				
Crown Surface / Depressions / Rutting	1.08		1.08	47.37%				
Supplemental								
DWR UCIP Field Study						0.01		
Unit Totals:	1.21	7.79	32.37	1419.89%	0.80	0.02	0.00	0.00
Unit No. 05 Fresno River RB	Overall Unit	Total Unit						
Official of Fresho Kiver KB	Rating	Miles						
NA0011	U	9.10						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.09	14.71	59.93	658.55%		0.01		
Encroachments	0.01		0.01	0.11%	4.04	0.06		
Animal Control	7.44	0.22	8.32	91.43%				
Slope Stability	0.01		0.01	0.11%				
Erosion / Bank Caving	0.01		0.01	0.11%				
Crown Surface / Depressions / Rutting	4.99		4.99	54.83%				
Rivers, Channels & Designated Floodways								
Encroachments	0.01		0.01	0.11%				
Supplemental DWD LICID Field Study	 				0.02			
DWR UCIP Field Study	12.56	14.93	73.28	00E 040/	0.03	0.07	0.00	0.00
Unit Totals:	13.56	14.93	73.28	805.24%	4.07	0.07	0.00	0.00
Unit No. 06 Fresno River LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0011	U	9.03						
Rotad Itam		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							ı	
Vegetation	6.56	7.78	37.68	417.37%				
Encroachments	0.07	0.01	0.11	1.22%	1.34	0.26		
Animal Control	8.07	0.02	8.15	90.27%				
Slope Stability	0.07	0.02	0.15	1.66%				
Erosion / Bank Caving	0.01	0.02	0.09	1.00%				
Crown Surface / Depressions / Rutting	5.29		5.29	58.60%				
Supplemental DWP LICIP Field Study					0.05	0.01		
DWR UCIP Field Study	20.07	7.05	E4 47	570.11%	0.05	0.01	0.00	0.00
Unit Totals:	20.07	7.85	51.47	5/0.11%	1.39	0.27	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0013	Overall LMA	Total LMA						
Merced Streams Group	Rating	Miles						
·	U	6.31						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.62	1.09	4.98	78.96%				
Trim / Thin Trees	0.02		0.02	0.32%				
Encroachments	0.01		0.01	0.16%	0.23	0.02		
Animal Control	1.08		1.08	17.12%				
Slope Stability	0.01		0.01	0.16%				
Erosion / Bank Caving	0.02		0.02	0.32%				
Crown Surface / Depressions / Rutting	1.22		1.22	19.34%				
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
LMA Totals:	2.98	1.09	7.34	116.38%	0.25	0.02	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

an obaquin Kiver Basin (cont.)		1						
Unit No. 01 Black Rascal Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0013	M	1.61			_			
Dated Hear		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.05	0.20	12.40%				
Trim / Thin Trees	0.01		0.01	0.62%				
Encroachments					0.01			
Supplemental		1			0.04	T	I	T .
DWR UCIP Field Study	0.04	0.05	2.24	40.000/	0.01	0.00	0.00	0.00
Unit Totals:	0.01	0.05	0.21	13.02%	0.02	0.00	0.00	0.00
Unit No. 02 Black Rascal Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.85						
	_		nce Deficiency		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	u Miles
Earthen Levee								
Vegetation	0.19		0.19	10.27%				
Encroachments	0.01		0.01	0.54%	0.22	0.02		
Animal Control	0.55		0.55	29.74%				
Slope Stability	0.01		0.01	0.54%				
Erosion / Bank Caving	0.02		0.02	1.08%				
Supplemental								
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.78	0.00	0.78	42.18%	0.23	0.02	0.00	0.00
Unit No. 03 Owens Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.43						
14.0010			nce Deficiency		Enforc	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.23	0.40	1.83	128.42%				
Trim / Thin Trees	0.01		0.01	0.70%				
Animal Control	0.02		0.02	1.40%				
Crown Surface / Depressions / Rutting	1.22		1.22	85.61%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	1.48	0.40	3.08	216.13%	0.00	0.00	0.00	0.00
Unit No. 04 Owens Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.42						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	u Miles
Earthen Levee			, , , , , ,					
Vegetation	0.20	0.64	2.76	194.44%				
Animal Control	0.51		0.51	35.93%				
Supplemental	· 	· T				· 	· 	
DWR UCIP LMA Responsibility								
Unit Totals:	0.71	0.64	3.27	230.37%	0.00	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0017 San Joaquin County Flood Control and	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce Rated Miles are p			,	
Water Conservation District	M *	101.04	Rating is M instead of A.					
Rated Item		Maintenance Deficiency			Enforc	ement	Design 8 Obsole	& System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.83	0.47	4.71	4.66%	1.74	0.22		
Trim / Thin Trees	0.21		0.21	0.21%				
Encroachments	0.09		0.09	0.09%	22.94	1.81		
Animal Control	0.10	0.05	0.30	0.30%				
Slope Stability	0.09		0.09	0.09%				
Erosion / Bank Caving	0.25	0.05	0.45	0.45%				
Crown Surface / Depressions / Rutting	0.16	0.01	0.20	0.20%				
Concrete Floodwalls								
Monolith Joints	0.02		0.02	0.02%				
Rivers, Channels & Designated Floodways				-				
Vegetation & Obstructions	0.04		0.04	0.04%				
Encroachments	0.01		0.01	0.01%				
Supplemental								
DWR Erosion Survey	0.35	0.76	3.39	3.36%				
DWR UCIP Field Study					2.24	0.04		
DWR UCIP LMA Responsibility								
LMA Totals:	4.15	1.34	9.51	9.41% *	26.92	2.07	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

un bouquin raver Busin (bone)	1							
Unit No. 01 Littlejohn Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	A	2.59						
Rated Item		Maintena	nce Deficiency		Enforc	cement		& System escence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.04		0.04	0.000/	4.00	0.00	I	
Supplemental Encroachments	0.01		0.01	0.39%	1.00	0.03		
DWR UCIP Field Study			1		0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	0.39%	1.02	0.03	0.00	0.00
Linit No. 00 Little in his Cook DD	Occasil Hait	Tatal Hait						
Unit No. 02 Littlejohn Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	3.20	1					
14/10017	7.		nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee		0		71110011010 70		000	1	
Vegetation	0.07		0.07	2.19%				
Encroachments					0.06	0.01		
Supplemental	I				0.07	I	I	
DWR UCIP Field Study	0.07	0.00	0.07	0.400/	0.07	0.04	0.00	0.00
Unit Totals:	0.07	0.00	0.07	2.19%	0.13	0.01	0.00	0.00
Unit No. 06 SPRR Drain LB	Overall Unit Rating	Total Unit Miles						
NA0017	U	0.46						
Rated Item		Maintena	nce Deficiency		Enforc	cement		& System escence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00	0.45	0.00	444.000/		I	1	
Vegetation	0.22	0.45	2.02	441.38%				
Supplemental  DWR UCIP Field Study					0.01			
Unit Totals:	0.22	0.45	2.02	441.38%	0.01	0.00	0.00	0.00
Unit No. 07 Bear Creek RB	Overall Unit Rating	Total Unit Miles	* Overall Unit U Rated Mile instead of A.	Threshold Percer es are present, so	nt is less that the Overa	an 10.00% Il Unit Ratir	; however, ng is M	
NA0017	M *	16.11	Ilistead Of A.	•	1		Danieus (	0.000
Rated Item		Maintena	nce Deficiency			cement	Obsole	& System escence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	1.16		1.16	7.20%	0.03	1		
Trim / Thin Trees	0.01		0.01	0.06%	0.03			
Encroachments	0.01		0.01	0.06%	3.49	0.14		
Erosion / Bank Caving	0.03	0.02	0.11	0.68%	0.40	0.17		
Supplemental	0.00	0.02	5	0.0070				
DWR UCIP Field Study					0.30			
	I		· · · · · · · · · · · · · · · · · · ·					
DWR UCIP LMA Responsibility								

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 08 Bear Creek LB	Overall Unit Rating	" Overall of the Thireshold Fercent is less than 10.00%, nowever,						
NA0017	IVI "		nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee		000		71		•		0
Vegetation	0.36		0.36	2.35%	0.11	0.01		
Trim / Thin Trees	0.10		0.10	0.65%				
Encroachments	0.02		0.02	0.13%	2.01	0.25		
Animal Control		0.01	0.04	0.26%				
Erosion / Bank Caving	0.03		0.03	0.20%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.07%				
Concrete Floodwalls	I							1
Monolith Joints	0.02		0.02	0.13%				
Supplemental			I				ı	
DWR UCIP Field Study					0.43			
DWR UCIP LMA Responsibility								
Unit Totals:	0.54	0.01	0.58	3.79% *	2.55	0.26	0.00	0.00
Unit No. 09 Paddy Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	Α	1.53						
5	Maintenance Deficiency			Enforc	ement		& System escence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								1
Encroachments					0.52	0.01		
Supplemental				T				1
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	0.52	0.01	0.00	0.00
Unit No. 10 Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	Α	1.41						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee		000		71		•		000
Encroachments					1.21			
Crown Surface / Depressions / Rutting	0.01		0.01	0.71%				
Unit Totals:	0.01	0.00	0.01	0.71%	1.21	0.00	0.00	0.00
Unit No. 11 North Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	Α	3.53						
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	
Earthen Levee				, , , , , ,				
Encroachments					1.63	0.08		
Supplemental								
DWR UCIP Field Study	I		I		0.06			
					0.00			
DWR UCIP LMA Responsibility					0.00			

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 12 North Paddy Creek LB NA0017	Overall Unit Rating	Total Unit Miles 3.51	Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
INAUUT			nce Deficiency		Enforc	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	scence U Miles
Earthen Levee			1					
Vegetation					0.06			
Trim / Thin Trees	0.01		0.01	0.29%				
Encroachments	0.01		0.01	0.29%	2.05			
Erosion / Bank Caving	0.06	0.01	0.10	2.85%				
Supplemental								
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility								
Unit Totals:	0.08	0.01	0.12	3.42% *	2.18	0.00	0.00	0.00
Unit No. 13 Middle Paddy Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	Α	1.38						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.43			
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	1.45	0.00	0.00	0.00
Unit No. 14 Middle Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	1.38						
Parts differen		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.20			
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	1.23	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 15 Mormon Slough RB	Overall Unit	Total Unit		Threshold Percer				
	Rating	Miles	U Rated Mile instead of A.	es are present, so	the Overal	ll Unit Ratir	ng is M	
NA0017	M *	25.38					Design 8	& System
Rated Item	NA NATIO		nce Deficiency	<b>T</b> b b - b   0/		ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.70		0.70	2.76%	0.44			
Trim / Thin Trees	0.07		0.07	0.28%				
Encroachments	0.02		0.02	0.08%	4.25	0.51		
Animal Control	0.05	0.02	0.13	0.51%				
Slope Stability	0.06		0.06	0.24%				
Erosion / Bank Caving	0.06	0.02	0.14	0.55%				
Crown Surface / Depressions / Rutting	0.02		0.02	0.08%				
Rivers, Channels & Designated Floodways								
Vegetation & Obstructions	0.02		0.02	0.08%				
Encroachments	0.01		0.01	0.04%				
Supplemental DWR Erosion Survey	0.03	0.01	0.07	0.28%				
DWR UCIP Field Study	0.03	0.01	0.07	0.2076	0.42			
DWR UCIP LMA Responsibility					0.42			
Unit Totals:	1.04	0.05	1.24	4.89% *	5.11	0.51	0.00	0.00
Om Totals.			1.27	4.0070	0.11	0.01	0.00	0.00
Unit No. 16 Mormon Slough LB	Overall Unit Rating	Total Unit Miles						
NA0017	M	23.48						
D	Maintenance Deficiency			Enforc	ement		k System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles U Miles		M Miles	
Earthen Levee							<u> </u>	
Vegetation	0.32	0.02	0.40	1.70%	1.10	0.21		
Trim / Thin Trees	0.02		0.02	0.09%				
Encroachments	0.02		0.02	0.09%	3.79	0.78		
Animal Control	0.05	0.02	0.13	0.55%				
Slope Stability	0.03		0.03	0.13%				
Erosion / Bank Caving	0.07	0.04	0.07	0.30%				
Crown Surface / Depressions / Rutting	0.12	0.01	0.16	0.68%				
Rivers, Channels & Designated Floodways  Vegetation & Obstructions	0.02		0.02	0.09%				
Supplemental	0.02		0.02	0.0070				
DWR Erosion Survey	0.32	0.75	3.32	14.14%				
DWR UCIP Field Study					0.77	0.04		
DWR UCIP LMA Responsibility								
Unit Totals:	0.97	0.80	4.17	17.76%	5.66	1.03	0.00	0.00
Unit No. 17 Potter Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	0.86						
	Maintenance Deficiency				Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		200				200		203
Encroachments					0.04			
Supplemental			 					
DWR UCIP Field Study	0.00	0.00	0.55	0.0007	0.03	0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.07	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 18 Potter Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	A	0.91						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.26			
Supplemental								
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.27	0.00	0.00	0.00

RD0001 Reclamation District No. 0001 Union	Overall LMA Rating	Total LMA Miles						
Island	U	1.14						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		2.28	9.12	801.36%				
Trim / Thin Trees	0.02		0.02	1.76%				
Encroachments						0.01		
Animal Control		0.04	0.16	14.06%				
Slope Stability	0.02		0.02	1.76%				
Erosion / Bank Caving	0.02		0.02	1.76%				
Flood Preparedness & Training	0.01		0.01	0.88%				
Supplemental								
DWR UCIP Field Study					0.02			
2017 Storm Damage	0.02		0.02	1.76%				
LMA Totals:	0.09	2.32	9.37	823.33%	0.02	0.01	0.00	0.00

RD0017 Reclamation District No. 0017 Mossdale	Overall LMA Rating	Total LMA Miles						
rectamation district No. 0017 mossuare	A	16.03						
Rated Item		Maintenance Deficiency			Enforc	ement	Design 8 Obsole	System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	0.31%				
Encroachments	0.01		0.01	0.06%	0.06			
Animal Control	0.06		0.06	0.37%				
Slope Stability	0.01		0.01	0.06%				
Supplemental								
DWR Erosion Survey	0.02		0.02	0.13%				
DWR UCIP Field Study					0.63	0.04		
DWR UCIP LMA Responsibility								
LMA Totals:	0.15	0.00	0.15	0.94%	0.69	0.04	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 French Camp Slough LB	Overall Unit Rating	Total Unit Miles						
RD0017	A	1.76						
Rated Item							gn & System solescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.57%				
Supplemental								
DWR UCIP Field Study					0.05			
Unit Totals:	0.01	0.00	0.01	0.57%	0.05	0.00	0.00	0.00

Unit No. 02 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD0017	Α	14.27						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.05		0.05	0.35%				
Encroachments					0.06			
Animal Control	0.06		0.06	0.42%				
Slope Stability	0.01		0.01	0.07%				
Supplemental								
DWR Erosion Survey	0.02		0.02	0.14%				
DWR UCIP Field Study					0.58	0.04		
DWR UCIP LMA Responsibility								
Unit Totals:	0.14	0.00	0.14	0.98%	0.64	0.04	0.00	0.00

RD0404 Reclamation District No. 0404 Boggs	Overall LMA Rating	Total LMA Miles						
	U	4.10						
Rated Item		Maintena	nce Deficiency	Enforc	ement	Design 8 Obsole	System scence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.24%				
Trim / Thin Trees	0.06		0.06	1.46%				
Encroachments		0.01	0.04	0.97%	0.01			
Animal Control	0.27	0.32	1.55	37.78%				
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving		0.01	0.04	0.97%				
Supplemental								
DWR Erosion Survey	0.03		0.03	0.73%				
DWR UCIP Field Study					0.18			
LMA Totals:	0.38	0.34	1.74	42.41%	0.19	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD0404	M *	2.35	instead of A.		Tine Overal	onit rau	19 13 W	
TCD0+0+			nce Deficiency		Enforc	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	scence U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.43%				
Trim / Thin Trees	0.05		0.05	2.13%				
Encroachments		0.01	0.04	1.70%	0.01			
Animal Control		0.01	0.04	1.70%				
Slope Stability	0.01		0.01	0.43%				
Supplemental DWR Erosion Survey	0.03		0.03	1.28%				
	0.03		0.03	1.20%	0.10			
DWR UCIP Field Study  Unit Totals:	0.10	0.02	0.18	7.66% *	0.12	0.00	0.00	0.00
Offit Totals.	0.10	0.02	0.16	7.00 /6 **	0.13	0.00	0.00	0.00
Unit No. 02 French Camp Slough RB	Overall Unit Rating	Total Unit Miles						
RD0404	U	1.75						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.01		0.01	0.57%				
Animal Control	0.27	0.31	1.51	86.05%				
Erosion / Bank Caving		0.01	0.04	2.28%				
Supplemental DWD LIGID Field Study	I		I		0.00		ı	
DWR UCIP Field Study	0.00	0.00	4.50	00.000/	0.06	0.00	0.00	0.00
Unit Totals:	0.28	0.32	1.56	88.90%	0.06	0.00	0.00	0.00
RD0524	Overall LMA	Total LMA						
Reclamation District No. 0524 Middle	Rating	Miles						
Roberts Island	U	6.20						
5 . 16		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		_	_					
Vegetation	0.01	0.52	2.09	33.72%	0.02	0.10		
Trim / Thin Trees	0.19	0.75	3.19	51.47%	0.01			
Encroachments	0.15	0.03	0.27	4.36%	0.38	0.41		
Animal Control	0.30	0.17	0.98	15.81%				
Slope Stability	0.03	0.01	0.07	1.13%				
Erosion / Bank Caving	0.03	0.07	0.31	5.00%				
Emergency Supplies & Equipment	0.06		0.06	0.97%				
Flood Preparedness & Training	0.06		0.06	0.97%				
Supplemental DWR Erosion Survey	0.09	0.28	1.21	19.52%				
DWR Erosion Survey  DWR UCIP Field Study	0.09	0.20	1.21	13.3270	0.33	0.01		
DWR UCIP Field Study  DWR UCIP LMA Responsibility					0.33	0.01		
	0.01		0.01	0.16%				
2017 Storm Damage <i>LMA Totals:</i>	0.01	1.83	8.25	133.11%	0.74	0.52	0.00	0.00
LIVIA TOTAIS:	0.93	1.03	0.25	133.11%	0.74	0.52	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0544 Reclamation District No. 0544 Upper	Overall LMA Rating	Total LMA Miles						
Roberts Island	U	10.20						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.18	4.95	20.98	205.66%		0.07		
Trim / Thin Trees	0.24	0.09	0.60	5.88%				
Encroachments	0.02	0.02	0.10	0.98%	0.39	0.11		
Animal Control	0.57	0.27	1.65	16.17%				
Slope Stability	0.04	0.01	0.08	0.78%				
Erosion / Bank Caving	0.03	0.09	0.39	3.82%				
Crown Surface / Depressions / Rutting	0.22		0.22	2.16%				
Flood Preparedness & Training	0.10		0.10	0.98%				
Interior Drainage & Piping Systems								
Erosion Areas		0.01	0.04	0.39%				
Supplemental								
DWR Erosion Survey	0.04		0.04	0.39%				
DWR UCIP Field Study					0.19	0.05		
LMA Totals:	2.44	5.44	24.20	237.22%	0.58	0.23	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD0544	U	6.05						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.47	2.94	12.23	202.26%		0.07		
Trim / Thin Trees	0.19	0.09	0.55	9.10%				
Encroachments	0.02	0.01	0.06	0.99%	0.30	0.03		
Animal Control	0.10	0.20	0.90	14.88%				
Slope Stability	0.02	0.01	0.06	0.99%				
Erosion / Bank Caving	0.02	0.05	0.22	3.64%				
Crown Surface / Depressions / Rutting	0.22		0.22	3.64%				
Supplemental								
DWR Erosion Survey	0.01		0.01	0.17%				
DWR UCIP Field Study					0.11	0.03		
Unit Totals:	1.05	3.30	14.25	235.67%	0.41	0.13	0.00	0.00

Unit No. 02 Old River RB	Overall Unit Rating	Total Unit Miles							
RD0544	U	4.15							
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.71	2.01	8.75	210.60%					
Trim / Thin Trees	0.05		0.05	1.20%					
Encroachments		0.01	0.04	0.96%	0.09	0.08			
Animal Control	0.47	0.07	0.75	18.05%					
Slope Stability	0.02		0.02	0.48%					
Erosion / Bank Caving	0.01	0.04	0.17	4.09%					
Interior Drainage & Piping Systems									
Erosion Areas		0.01	0.04	0.96%					
Supplemental									
DWR Erosion Survey	0.03		0.03	0.72%					
DWR UCIP Field Study					0.08	0.02			
Unit Totals:	1.29	2.14	9.85	237.07%	0.17	0.10	0.00	0.00	

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD1602 Reclamation District No. 1602 Del	Overall LMA Rating	Total LMA Miles						
Puerto	U	6.24						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	5.04	2.32	14.32	229.56%	0.01			
Trim / Thin Trees	0.04	0.01	0.08	1.28%				
Encroachments	0.02		0.02	0.32%	3.17	0.12		
Animal Control	0.24	0.02	0.32	5.13%				
Slope Stability	0.06		0.06	0.96%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.16%				
Repair Gates		0.01	0.04	0.64%				
Supplemental								
DWR Erosion Survey	0.01		0.01	0.16%				
DWR UCIP Field Study					0.04	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	5.42	2.36	14.86	238.21%	3.22	0.13	0.00	0.00

RD2031 Reclamation District No. 2031 Elliot	Overall LMA Rating	Total LMA Miles						
Reciamation district No. 2031 Emot	M	13.05						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.40		0.40	3.06%				
Trim / Thin Trees	1.22		1.22	9.35%				
Encroachments					0.76	0.08		
Animal Control	0.02		0.02	0.15%				
Erosion / Bank Caving								0.01
Seepage / Sandboils								1.41
Supplemental								
DWR UCIP Field Study					0.17			
DWR UCIP LMA Responsibility								
LMA Totals:	1.64	0.00	1.64	12.56%	0.93	0.08	0.00	1.42

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

# San Joaquin River Basin (cont.)

Supplemental

DWR UCIP Field Study

Unit Totals:

1.62

DWR UCIP LMA Responsibility

an Joaquin River Basin (cont.)								
Unit No. 01 Stanislaus River LB	Overall Unit Rating	Total Unit Miles						
RD2031	A	7.07						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1	-				
Encroachments					0.76	0.08		
Animal Control	0.02		0.02	0.28%				
Supplemental								
DWR UCIP Field Study					0.12			
DWR UCIP LMA Responsibility								
Unit Totals:	0.02	0.00	0.02	0.28%	0.88	0.08	0.00	0.00
Unit No. 02 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2031	U	5.98						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.40		0.40	6.69%				
Trim / Thin Trees	1.22		1.22	20.40%				
Erosion / Bank Caving								0.01
Seepage / Sandboils								1.41

RD2058 Reclamation District No. 2058	Overall LMA Rating	Total LMA Miles		Threshold Perce Rated Miles are p			,	
Pescadero	M *	6.58	Rating is M instead of A.					
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.01		0.01	0.15%				
Encroachments		0.01	0.04	0.61%	0.43	0.02		
Animal Control	0.01		0.01	0.15%				
Erosion / Bank Caving	0.01		0.01	0.15%				
Supplemental								
DWR Erosion Survey	0.04		0.04	0.61%				
DWR UCIP Field Study					0.05	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.07	0.01	0.11	1.67% *	0.48	0.03	0.00	0.00

0.00

1.62

0.05

0.05

0.00

0.00

1.42

27.09%

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2062 Reclamation District No. 2062 Stewart	Overall LMA Rating	Total LMA Miles						
	U	12.14						
Rated Item		Maintenance Deficiency			Enforc	ement	Design 8 Obsole	k System scence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.63	0.62	5.11	42.08%				
Encroachments	0.01		0.01	0.08%				
Animal Control	0.45		0.45	3.71%				
Slope Stability	0.02		0.02	0.17%				
Erosion / Bank Caving	0.20		0.20	1.65%				
Crown Surface / Depressions / Rutting	1.96		1.96	16.14%				
Repair Gates		0.01	0.04	0.33%				
Interior Drainage & Piping Systems								
Encroachments		0.01	0.04	0.33%		0.01		
Supplemental								
DWR Erosion Survey	0.14	0.11	0.58	4.78%				
DWR UCIP Field Study					0.13	0.03		
LMA Totals:	5.41	0.75	8.41	69.26%	0.13	0.04	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

an Joaquin River Basin (cont.)								
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2062	U	2.64						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.63		2.63	99.80%				
Supplemental Charles Standard	I				0.00			
DWR UCIP Field Study	2.62	0.00	2.62	00.909/	0.03	0.00	0.00	0.00
Unit Totals:	2.63	0.00	2.63	99.80%	0.03	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit Rating	Total Unit Miles						
RD2062	U	3.96						
Date differen		Maintena	nce Deficiency		Enforcement		Design 8 Obsole	k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.01		0.01	0.25%				
Erosion / Bank Caving	0.01		0.01	0.25%				
Crown Surface / Depressions / Rutting	1.96		1.96	49.51%				
Interior Drainage & Piping Systems		0.04	0.04	4.040/		0.04	1	
Encroachments		0.01	0.04	1.01%		0.01		
DWR UCIP Field Study					0.06	0.02		
Unit Totals:	1.98	0.01	2.02	51.03%	0.06	0.03	0.00	0.00
Unit No. 03 Old River LB	Overall Unit Rating	Total Unit Miles						
RD2062	U	5.55					T =	
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I	0.00	0.40	44.700/		T	1	
Vegetation		0.62	2.48	44.70%				
Animal Control	0.45		0.45	8.11%				
Slope Stability	0.02		0.02	0.36%				
Erosion / Bank Caving	0.19		0.19	3.42%				
Repair Gates		0.01	0.04	0.72%				
Supplemental DWR Erosion Survey	0.14	0.11	0.58	10.45%				
DWR UCIP Field Study	0.14	0.11	0.50	10.4576	0.04	0.01		
Unit Totals:	0.80	0.74	3.76	67.77%	0.04	0.01	0.00	0.00
Office Foldals.	0.00	0.74	3.70	01.11/0	0.04	0.01	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2063	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2063 Crows Landing	A	10.44						
Landing	^		Definiens			ement	Design 8	& System
Rated Item		Maintena	nce Deficiency		Enlord	ement	Obsole	scence
rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.07		0.07	0.67%				
Encroachments					0.27	1.74		
Animal Control	0.01		0.01	0.10%				
Slope Stability	0.02		0.02	0.19%				
Flood Preparedness & Training	0.10		0.10	0.96%				
Supplemental								
DWR UCIP Field Study					0.11	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.20	0.00	0.20	1.92%	0.38	1.76	0.00	0.00

RD2064 Reclamation District No. 2064 River	Overall LMA Rating	Total LMA Miles						
Junction	Α	11.65						
Pated Item	Rated Item Maintenance Deficiency				Enforc	ement	Design 8 Obsole	
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.52%				
Encroachments					0.04	0.09		
Animal Control	0.16		0.16	1.37%				
Slope Stability	0.05		0.05	0.43%				
Supplemental								
DWR UCIP Field Study					0.23	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.27	0.00	0.27	2.32%	0.27	0.10	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2064	Α	5.56						
Rated Item			nce Deficiency		Enforc	ement	Design & Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.01			
Animal Control	0.16		0.16	2.88%				
Slope Stability	0.01		0.01	0.18%				
Supplemental								
DWR UCIP Field Study					0.12	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.17	0.00	0.17	3.06%	0.13	0.01	0.00	0.00
Unit No. 02 Stanislaus River RB	Overall Unit Rating	Total Unit Miles						
RD2064	A	6.08						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.99%				
Encroachments					0.03	0.09		
Slope Stability	0.04		0.04	0.66%				
Supplemental								
DWR UCIP Field Study					0.11			
Unit Totals:	0.10	0.00	0.10	1.64%	0.14	0.09	0.00	0.00

RD2075 Reclamation District No. 2075 McMullin	Overall LMA Rating	Total LMA Miles						
	M	7.45						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.20	0.80	10.74%				
Trim / Thin Trees		0.01	0.04	0.54%				
Supplemental								
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.09		0.09	1.21%				
LMA Totals:	0.09	0.21	0.93	12.49%	0.06	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2085 Reclamation District No. 2085 Kasson	Overall LMA Rating	Total LMA Miles	however, U	Rated Miles are p		nt is less than 10.00%; resent, so the Overall LMA					
	M *	6.28	Rating is M	instead of A.							
Rated Item		Maintena	nce Deficiency		Enforc	cement		& System scence			
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles			
Earthen Levee Vegetation					0.05	0.01					
Encroachments	0.01		0.01	0.16%	0.54	0.01					
Animal Control	0.01		0.01	0.32%	0.54						
Slope Stability	0.02		0.02	0.16%							
Erosion / Bank Caving	0.01	0.02	0.01	1.27%							
Supplemental		0.02	0.00	1.27 /0							
DWR Erosion Survey	0.11		0.11	1.75%							
DWR UCIP Field Study					0.07						
DWR UCIP LMA Responsibility											
LMA Totals:	0.15	0.02	0.23	3.66% *	0.66	0.01	0.00	0.00			
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles									
RD2085	A	5.29									
		Maintena	nce Deficiency		Enforcement		Enforcement			& System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles			
Earthen Levee		T	I	I			T				
Vegetation					0.05	0.01					
Encroachments	0.01		0.01	0.19%	0.53						
Animal Control	0.02		0.02	0.38%							
Slope Stability	0.01		0.01	0.19%							
Supplemental  DWR Erosion Survey	0.11		0.11	2.08%							
DWR UCIP Field Study	0.11		0.11	2.00%	0.07						
<u> </u>					0.07						
DWR UCIP LMA Responsibility  Unit Totals:	0.15	0.00	0.15	2.84%	0.65	0.01	0.00	0.00			
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles									
RD2085	A	0.70									
		Maintena	nce Deficiency		Enforc	cement		& System			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles			
Earthen Levee											
Encroachments					0.01						
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00			
Unit No. 03 San Joaquin River	Overall Unit Rating	Total Unit Miles									
RD2085	U	0.29									
			ance Deficiency		Enforcement			& System scence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles				
Earthen Levee		200		70		2					
Erosion / Bank Caving		0.02	0.08	27.14%							

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2089 Reclamation District No. 2089 Stark	Overall LMA Rating	Total LMA Miles 2.86						
	Maintenance Deficiency					Enforcement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.41	3.22	14.29	500.03%	0.05			
Trim / Thin Trees	0.01	0.07	0.29	10.15%				
Encroachments	0.03		0.03	1.05%	0.41	0.21		
Animal Control	0.10	0.16	0.74	25.89%				
Slope Stability	0.02		0.02	0.70%				
Erosion / Bank Caving	0.01		0.01	0.35%				
Crown Surface / Depressions / Rutting	0.06	0.01	0.10	3.50%				
Flood Preparedness & Training	0.03		0.03	1.05%				
Supplemental								
DWR Erosion Survey	0.01		0.01	0.35%				
DWR UCIP Field Study					0.05			
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.02		0.02	0.70%				
LMA Totals:	1.70	3.46	15.54	543.77%	0.51	0.21	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Rating   Miles	Unit No. 01 Old River RB	Overall Unit	Total Unit						
Rated Item	Unit No. 01 Old River RB								
Rated Item	RD2089		1.51						
Miles   U Miles   M + 4 U Miles   Threshold %   M Miles   U Mile	ND2003			nce Deficiency		Enforc	ement		
Vegetation   0.01   3.09   12.37   817.99%	Rated Item	M Miles			Threshold %				1
Trim / Thin Trees	Earthen Levee								
Encroachments	Vegetation	0.01	3.09	12.37	817.99%				
Animal Control   Slope Stability   O.01   O.01   O.06%	Trim / Thin Trees		0.06	0.24	15.87%				
Slope Stability	Encroachments	0.01		0.01	0.66%	0.38	0.13		
Crown Surface / Depressions / Rutting	Animal Control	0.02		0.02	1.32%				
DWR UCIP Field Study	Slope Stability	0.01		0.01	0.66%				
DWR Erosion Survey   DWR UCIP Field Study   DWR UCIP Field Study   DWR UCIP Field Study   DWR UCIP LMA Responsibility   DWR UCIP Field Study   DWR UCIP Field Stud	Crown Surface / Depressions / Rutting	0.04		0.04	2.65%				
DWR UCIP Field Study   DWR UCIP LMA Responsibility   2017 Storm Damage   0.01   0.01   0.66%	• •								
DWR UCIP LMA Responsibility   2017 Storm Damage   0.01		0.01		0.01	0.66%				
Company   Comp						0.04			
Unit No. 02 Salmon Slough RB   Overall Unit Rating   Total Unit Rating   U   I.35   I.2.71   840.48%   0.42   0.13   0.00   0.	•								
Note   Unit No. 02 Salmon Slough RB   Rating   Rating   U   1.35									
Rating   Miles   U   1.35	Unit Totals:	0.11	3.15	12.71	840.48%	0.42	0.13	0.00	0.00
Rating   Miles   U   1.35	Unit No. 02 Salmon Slough RB	Overall Unit	Total Unit						
Rated Item	one no. oz camon cicagn ne								
Maintenance Deficiency	RD2089	U	1.35						
Miles   U Miles   M + 4U Miles   Threshold %   M Miles   U Miles   M Miles   U M			Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Trim / Thin Trees	Rated Item	M Miles		1	Threshold %	M Miles			U Miles
Trim / Thin Trees   0.01   0.01   0.05   3.72%     0.03   0.08	Earthen Levee								
Encroachments	Vegetation	1.40	0.13	1.92	142.69%	0.05			
Animal Control   0.08	Trim / Thin Trees	0.01	0.01	0.05	3.72%				
Slope Stability   0.01   0.01   0.74%	Encroachments	0.02		0.02	1.49%	0.03	0.08		
Erosion / Bank Caving   0.01   0.01   0.74%	Animal Control	0.08	0.16	0.72	53.51%				
Crown Surface / Depressions / Rutting	Slope Stability	0.01		0.01	0.74%				
DWR UCIP Field Study	Erosion / Bank Caving	0.01		0.01	0.74%				
DWR UCIP Field Study   2017 Storm Damage   0.01   0.01   0.74%	Crown Surface / Depressions / Rutting	0.02	0.01	0.06	4.46%				
Comparison   Com				ı					
Note						0.01			
Reclamation District No. 2091 Chase    Note and District No. 2091 Chase   Rating   Miles   M * T.51   Nowever, U Rated Miles are present, so the Overall LMA Rating is M instead of A.    Rated Item   M Miles   U Miles   M + 4U Miles   Threshold % M Miles   U Miles									
Reclamation District No. 2091 Chase	Unit Totals:	1.56	0.31	2.80	208.09%	0.09	0.08	0.00	0.00
Reclamation District No. 2091 Chase	DD2004	Overall I MA	Total I MA						
M * 7.51   Rating is M instead of A.									
Maintenance Deficiency         Enforcement         Design & Syste Obsolescence           M Miles         U Miles         M + 4U Miles         Threshold %         M Miles         U Miles	Reclamation District No. 2091 Chase					nosoni, so i	no overan	LIVIA	
Rated Item				noo Doficionay		Enforce			
Earthen Levee           Vegetation         0.14         0.14         1.86%           Trim / Thin Trees         0.01         0.01         0.13%           Erosion / Bank Caving         0.01         0.03         0.13         1.73%	Rated Item	M Miles			Threshold %				1
Vegetation         0.14         0.14         1.86%           Trim / Thin Trees         0.01         0.01         0.13%           Erosion / Bank Caving         0.01         0.03         0.13         1.73%	Farthen Levee	W Willes	O WIIICO	W 1 40 Willes	THICOHOIG 70	IVI IVIIICS	O WIIICO	IVI IVIIICO	O WIIICO
Erosion / Bank Caving 0.01 0.03 0.13 1.73%		0.14		0.14	1.86%				
Erosion / Bank Caving 0.01 0.03 0.13 1.73%	Trim / Thin Trees	0.01		0.01	0.13%				
Supplemental		0.01	0.03	0.13	1.73%				
			1		I.				
DWR UCIP Field Study 0.02		· · · · · · · · · · · · · · · · · · ·	<u> </u>	[		0.02			
DWR UCIP LMA Responsibility	DWR UCIP Field Study					0.02			
LMA Totals:         0.16         0.03         0.28         3.73% *         0.02         0.00         0.00         0.0	•					0.02			

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit	Total Unit		Threshold Percer					
	Rating	Miles	U Rated Mile instead of A	es are present, so	the Overa	ll Unit Ratir	ng is M		
RD2091	M *	7.46			l		Design 8	& System	
Rated Item			nce Deficiency	<b>-</b>		ement	Obsole	scence	
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Vegetation	0.11		0.11	1.47%					
Trim / Thin Trees	0.01		0.01	0.13%					
Erosion / Bank Caving	0.01	0.03	0.13	1.74%					
Supplemental			I		0.04			I	
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility  Unit Totals:	0.12	0.02	0.25	2.250/ +	0.01	0.00	0.00	0.00	
Unit Totals.	0.13	0.03	0.25	3.35% *	0.01	0.00	0.00	0.00	
Unit No. 02 San Joaquin River NA	Overall Unit Rating	Total Unit Miles							
RD2091	U	0.05							
Rated Item		Maintena	nce Deficiency			ement		& System scence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vogetation	0.03		0.03	60.00%			I		
Supplemental Vegetation	0.03		0.03	60.00%					
DWR UCIP Field Study					0.01				
Unit Totals:	0.03	0.00	0.03	60.00%	0.01	0.00	0.00	0.00	
	0 111111	T / 11340							
RD2092 Reclamation District No. 2092 Dos Rios	Overall LMA Rating	Total LMA Miles							
Reciamation district No. 2092 Dos Rios	U	3.71	-						
		L	nce Deficiency		Enforc	ement		& System escence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee									
Vegetation	0.63	1.20	5.43	146.53%					
Trim / Thin Trees	0.03		0.03	0.81%					
Encroachments Animal Control		0.24	4.00	36.70%	1.14				
Slope Stability	0.01	0.34	1.36 0.01	0.27%					
Crown Surface / Depressions / Rutting	0.01		0.01	2.97%					
Supplemental	0.11		0.11	2.57 76					
DWR UCIP Field Study					0.06				
DWR UCIP LMA Responsibility									
LMA Totals:	0.78	1.54	6.94	187.28%	1.20	0.00	0.00	0.00	
RD2094	Overall LMA	Total LMA							
INDEUUT	Rating	Miles							
Reclamation District No. 2094 Walthall									
Reclamation District No. 2094 Walthall	A	3.23					Design & System Obsolescence		
			nce Deficiency		Enforc	ement			
Reclamation District No. 2094 Walthall Rated Item			nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles			
Rated Item  Earthen Levee	A	Maintena		Threshold %	M Miles		Obsole	scence	
Rated Item  Earthen Levee  Encroachments	A	Maintena		Threshold %			Obsole	scence	
Rated Item  Earthen Levee	A	Maintena		Threshold %	M Miles		Obsole	scence	
Rated Item  Earthen Levee  Encroachments  Supplemental	A	Maintena		Threshold % 0.00%	M Miles		Obsole	scence	

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2094	Α	2.78						
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.02			
Supplemental					0.04			
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.06	0.00	0.00	0.00
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles						
RD2094	Α	0.45						
5		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
P.D.O.O.F.	0	TatallNAA						
RD2095	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2095 Paradise Cut	A	4.86						
			nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.21%				
Trim / Thin Trees	0.01		0.01	0.21%				
Encroachments					0.55			
Cracking	0.01		0.01	0.21%				
Supplemental								
DWR UCIP Field Study					0.07			
LMA Totals:	0.03	0.00	0.03	0.62%	0.62	0.00	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Paradise Cut LB	Overall Unit	Total Unit						
	Rating	Miles						
RD2095	Α	1.45						
Rated Item		Maintena	nce Deficiency		Enforc	ement		k System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Trim / Thin Trees	0.01		0.01	0.69%				
Encroachments					0.01			
Supplemental						<u> </u>		
DWR UCIP Field Study					0.04			
Unit Totals:	0.01	0.00	0.01	0.69%	0.05	0.00	0.00	0.00
Unit No. 02 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2095	A	3.41						
		Maintena	nce Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.29%				
Encroachments					0.54			
Cracking	0.01		0.01	0.29%				
Supplemental  DWR UCIP Field Study			1		0.03			
Unit Totals:	0.02	0.00	0.02	0.59%	0.57	0.00	0.00	0.00
Offic Foldis.	0.02	0.00	0.02	0.5576	0.57	0.00	0.00	0.00
RD2096 Reclamation District No. 2096	Overall LMA Rating	Total LMA Miles						
Wetherbee Lake	Α	0.16						
Date d Mars		Maintena	nce Deficiency		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Mile:
Earthen Levee		I	1	T		I		
Encroachments					0.01			
Slope Stability	0.01		0.01	6.07%				
Supplemental  DWR UCIP Field Study					0.01			
LMA Totals:	0.01	0.00	0.01	6.07%	0.02	0.00	0.00	0.00
		0.00	1			0.00	0.00	
RD2101 Reclamation District No. 2101 Blewett	Overall LMA Rating	Total LMA Miles						
	U	3.46			1		Danier 6	0
Rated Item			nce Deficiency		Enforc	ement		k System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.22		0.22	0.550/				
Vegetation Trim / Thin Trees	0.33 0.02		0.33 0.02	9.55% 0.58%				
Encroachments	0.02		0.02	0.56%	1.31	0.14		
Animal Control	0.10	0.05	0.30	8.68%	1.31	0.14		
Crown Surface / Depressions / Rutting	0.10	0.05	0.30	5.50%				
Seepage / Sandboils	0.13		0.19	5.50 /6				0.01
Flood Preparedness & Training	0.03		0.03	0.87%				0.01
LIVIULIEURIEURES VILAIIIII	0.00		0.00	0.01 /0				
Supplemental								
					0.04			
Supplemental					0.04			

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

an Joaquin Kiver Basin (cont.)								
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2101	U	3.16						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Kaled Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.14		0.14	4.43%				
Trim / Thin Trees	0.02		0.02	0.63%				
Encroachments					1.31	0.14		
Animal Control	0.10	0.05	0.30	9.50%				
Crown Surface / Depressions / Rutting	0.19		0.19	6.02%				
Seepage / Sandboils								0.01
Supplemental								
DWR UCIP Field Study					0.04			
DWR UCIP LMA Responsibility								
Unit Totals:	0.45	0.05	0.65	20.59%	1.35	0.14	0.00	0.01
Unit No. 02 San Joaquin River (Spur Levee) RB	Overall Unit Rating	Total Unit Miles						
RD2101	U	0.30						
		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.19		0.19	63.60%				
Unit Totals:	0.19	0.00	0.19	63.60%	0.00	0.00	0.00	0.00
RD2107	Overall LMA	Total LMA						
Reclamation District No. 2107	Rating	Miles						
Mossdale Island	Α	4.15						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
111111111111111111111111111111111111111	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.04			
Vegetation					0.01			
Encroachments					0.01			
Supplemental DWP LICIP Field Study					0.11	0.01		
DWR UCIP Field Study					0.11	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	0.13	0.01	0.00	0.00

# Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

DWR UCIP Field Study

Unit Totals:

0.00

DWR UCIP LMA Responsibility

an cougaminator zuem (comu)								
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2107	Α	2.33						
Rated Item	Maintenance		nce Deficiency		Enforc	ement		& System escence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments					0.01			
Supplemental								
DWR UCIP Field Study					0.10			
Unit Totals:	0.00	0.00	0.00	0.00%	0.12	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit Rating	Total Unit Miles						
RD2107	Α	1.82						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								

0.00

0.00

0.01

0.01

0.00%

0.01

0.01

0.00

0.00